

UCSC Aquatic

Managers

Inspection Contributors

Status Done Inspection Date Sep 13, 2019

Report Sent Date Nov 21, 2019

Notes

No Notes

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments	:
Inspector:	المستع والمستع
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)



safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

Comments:		
Inspector:		
Status:	Compliant	

animal welfare signage (AAALAC Site Visit 2013)



General Considerations-Other

Comments	
Inspector:	سنعتب فسنا ببنسا
Status:	Compliant

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments	:
Inspector:	
Status:	Compliant

location - separation of species (Guide, p 111)

Comments:	
Inspector:	Amily Rimit (Ami
Status:	Compliant

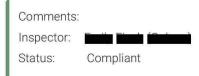
location - separation by disease status (Guide, p 111)

Comments:	
Inspector:	نصفة) انصلة ا لتصة
Status:	Compliant

location - security and access control (Guide, p 151)

Comments:	
Inspector:	أستندأ بأسنا بانسا
Status:	Compliant

Location-Other



Construction*

construction - corridors (Guide, p 136)



construction - animal room doors (Guide, pp 137, 150)

Comments	
Inspector:	Finite Finite (Antonia)
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments:	
Inspector:	(مستقر أشقا بتنطر
Status:	Compliant

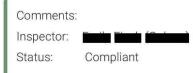
construction - floors (Guide, pp 137, 150)

Comments:		
Inspector:		
Status:	Compliant	

construction - drainage (Guide, pp 138, 150)

Comments:	
Inspector:	ز منه (<u>شرا</u>
Status:	Compliant

construction - walls and ceilings (Guide, pp 138, 150)



construction - heating ventilation and air conditioning (Guide, pp 139, 150-151)



construction - power and lighting (Guide, pp 141, 150)

Comments	:
Inspector:	أحصنما النصلا الإنصار
Status:	Compliant

construction - noise control (Guide, p 142)

Comments:	
Inspector:	
Status:	Compliant

construction - vibration control (Guide, p 142)

Comments	
Inspector:	منعة فسنا جنسا
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	:
Inspector:	
Status:	Compliant

Construction-Other

Comments	
Inspector:	Rectify Result (Rector)
Status:	Compliant

Water Quality*

water quality - standards for acceptable quality are established (Guide, p 78)



water quality - chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems (Guide, pp78, 86) [must]



Water Quality-Other

Compliant

Life Support System*

life support system - water source is based on appropriate controls and research requirements (Guide, p 79)

Comments	
Inspector:	
Status:	Compliant

life support system - biofilter is of sufficient size to process bioload (Guide, p 80) [must]

Comments:				
Inspector:	يندي المنتقد	(T.)
Status:	Compliant			

Life Support System-Other



Temperature, Humidity and Ventilation/Illumination/Noise and Vibration*

temperature and humidity (Guide, pp 43, 80-81)

Comments	:
Inspector:	أستحقش فتحتلا جنست
Status:	Compliant

ventilation and air quality (Guide, pp 45, 81)

Comments:		
Inspector:	inin iini (
Status:	Compliant	

illumination (Guide, pp 47, 81)

Comments:	
Inspector:	Entry Etchi (Contract)
Status:	Compliant

noise and vibration (Guide, pp 49, 81)

Comments	
Inspector:	مندق بنست
Status:	Compliant

Temperature, Humidity and Ventilation/Illumination/Noise and Vibration-Other



Primary Enclosure*

primary enclosure - allows for normal physiological and behavioral needs (Guide, p 82)



primary enclosure - allows social interaction for social species (Guide, p 82)

Comments:		
Inspector:	فستك فتستك وتنسك	Ì
Status:	Compliant	

primary enclosure - provides a balanced, stable environment (Guide, p 82)

Comments	
Inspector:	أستكثر السنا واسا
Status:	Compliant

primary enclosure - provides appropriate water quality and monitoring (Guide, p 82)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

primary enclosure - allows access to food and waste removal (Guide, p 82)

Comments:		
Inspector:	مشتقر شحنا بتسا	Ì
Status:	Compliant	

primary enclosure - restricts escape and entrapment (Guide, p 82)

Comments:			
Inspector:		(Ì
Status:	Compliant		

primary enclosure - allows undisturbed observation (Guide, p 82)

Comments:	
Inspector:	أستع أشنا
Status:	Compliant

primary enclosure - constructed of nontoxic materials (Guide, p 82)



primary enclosure - prevents electrical hazards (Guide, p 82)

Comments:				
Inspector:	ini ini	(T	
Status:	Compliant			
1000	Compliant	Í	T	

primary enclosure - space needs of species are evaluated by IACUC during program evaluations and facility inspections (Guide, p 83)

	Comments	
	Inspector:	
	Status:	Compliant
Į		

Primary Enclosure-Other

Comments	
Inspector:	أستا الأسا
Status:	Compliant

Environmental Enrichment, Social Housing, Behavioral and Social Management*

enrichment elicits appropriate behaviors and is safe (Guide, p 83)



enrichment, housing, behavior social management - semi-aquatic reptiles are provided terrestrial areas (Guide, p 83)



enrichment, housing, behavior social management - handling is kept to a minimum and appropriate techniques are in place at facility or protocol level (Guide, p 84)

Comments	
Inspector:	(مستعد) فتستار جنسا
Status:	Compliant

enrichment, housing, behavior social management - nets are cleaned, disinfected and managed to avoid contamination of systems (Guide, p 84)

Comments:				
Inspector:		ĺ	15	
Status:	Compliant			

Environmental Enrichment, Social Housing, Behavioral and Social Management-Other

Comments:		
Inspector:	ينصل بنصل	
Status:	Compliant	

Food*

food - storage to prevent contamination, preserve nutrients and prevent pests (Guide, p 84)

Comments:	
Inspector:	
Status:	Compliant

food - delivery ensures access to all, minimizing aggression and nutrient loss (Guide, p 84)



food - storage times are based on manufacturer recommendations or accepted practice (Guide, p 84)



food - a nutritionally complete diet is provided (Guide, p 84)

Comments	
Inspector:	
Status:	Compliant

Food-Other



Substrate*

amount, type and presentation of substrate is appropriate for the system and the species (Guide, p 85)



Substrate-Other

Comments	:
Inspector:	Facily Finals (finals
Status:	Compliant

Sanitation, Cleaning and Disinfection*

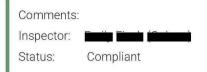
sanitation - frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring (Guide, p 86)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 86)



Sanitation, Cleaning and Disinfection-Other

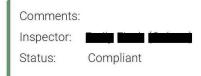


Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]



waste - animal carcasses (Guide, pp 73-74)

Comments:		
Inspector:		
Status:	Compliant	

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments:	
Inspector:	أستم التصل
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)



Waste Disposal-Other



Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	
Inspector:	
Status:	Compliant

documented program including control of pests and insecticide use (Guide, p 74)

Comments	:
Inspector:	أحسنها شعتا جنسا
Status:	Compliant

Pest Control-Other



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, pp 74, 87)

Comments	
Inspector:	(مساعد) فسنت برنست
Status:	Compliant

care - provision for accessible contact information (Guide, pp 74, 87)

Comments:	
Inspector:	(مستعد) النصا
Status:	Compliant

care - emergency response plans in place to address major system failures (Guide, 87)



veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

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inia interio (interio
Compliant

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

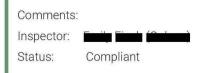


Emergency, Weekend, and Holiday Animal Care-Other



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)



identification - genotype information included and standardized nomenclature used when applicable (Guide, pp 75, 87)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

Comments:	
Inspector:	أحصفها فحنتا وتنصا
Status:	Compliant

Identification-Other

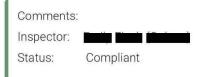
Comments	
Inspector:	
Status:	Compliant

Recordkeeping*

records - water quality parameters and frequency of testing recorded (Guide, p 88)

Comments:		
Inspector:		í l
Status:	Compliant	

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records accessible and contain appropriate information (Guide, pp 75-76)



records are provided when animals are transferred between institutions (Guide, p 75)



Recordkeeping-Other



Storage*

storage - adequate space for equipment, supplies, food, substrate and refuse (Guide, p 141)

Comments		
Inspector:	Testin Disati	
Status:	Compliant	

storage - substrate protected from contamination (Guide, p 141)

Comments:				
Inspector:	Finit	Í	30	Ň
Status:	Compliant			

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)

Comments	:
Inspector:	أحصنمتن فسنا جنسا
Status:	Compliant

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Storage-Other



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

Comments	
Inspector:	
Status:	Compliant

Personnel-Other

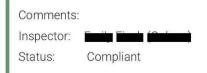
Comments	
Inspector:	مستحقية بتحصار بيتحصار
Status:	Compliant

Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)



aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments:		
Inspector:	ثر ينصل وتصل	
Status:	Compliant	

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

Comments:		
Inspector:		
Status:	Compliant	

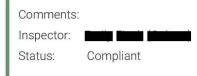
aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)

Comments		
Inspector:	أ شدا بندا	
Status:	Compliant	

aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



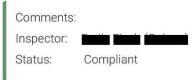
aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operating room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



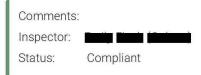
aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)

Comments		
Inspector:		
Status:	Compliant	

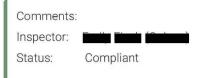
aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments		
Inspector:		
Status:	Compliant	

aseptic surgery -operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



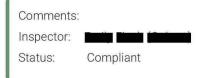
aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments:		
Inspector:	Early Eisek (2	i - S
Status:	Compliant	

aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



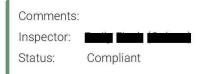
aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)

Comments		
Inspector:	inin ind úter	À
Status:	Compliant	

aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



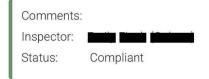
aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments:			
Inspector:		6	>
Status:	Compliant		

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Aseptic Surgery-Other

ini ini (înim)
Compliant

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	:
Inspector:	
Status:	Compliant

survival surgery - records of peri-operative care (Guide, p 120)

Comments:				
Inspector:	فسنا بإنسا	(T.)
Status:	Compliant			

survival surgery - aseptic procedures (Guide, pp 118-119)

Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145)

Comments:				
Inspector:	فسنا يزنسا	(1	Ì
Status:	Compliant			

survival surgery - storage of autoclaved materials (Guide, p 145)

Comments:		
Inspector:	أنعنا برتصا	
Status:	Compliant	

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments:		
Inspector:		
Status:	Compliant	
Status:	Compliant	

Survival Surgery-Other

Comments		
Inspector:	National Piece in	
Status:	Compliant	

Imaging/Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)



imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments		
Inspector:	Eni ji E	Ì
Status:	N/A	

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments:	
Inspector:	
Status: N/A	

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

Comments		
Inspector:		
Status:	N/A	

imaging console is located away from radiation source (Guide, p 147)

Comments		
Inspector:	أسنا وتصا	Ì
Status:	N/A	

Imaging/Whole Body Irradiation-Other

Comments			
Inspector:	يت يند	i (ĉ	Ì
Status:	N/A		

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments:	
Inspector:	E
Status:	Compliant

Hazardous Agent Containment-Other



Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Comments	:		
Inspector:		<u>ا</u> ا	
Status:	N/A		

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	:		
Inspector:			ì
Status:	N/A		

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

Comments		
Inspector:		
Status:	N/A	

behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

Comments	
Inspector:	
Status:	N/A

behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)



Behavioral Studies-Other

Comments		
Inspector:		- I N
Status:	N/A	



UCSC Aquatic

Managers

Inspection Contributors

Status Done Inspection Date Mar 19, 2019

Report Sent Date Nov 19, 2019

Notes

No Notes

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments	:
Inspector:	المستع والمستع
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)



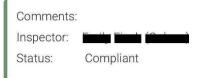
safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

Comments:		
Inspector:		
Status:	Compliant	

animal welfare signage (AAALAC Site Visit 2013)



Location*

location - animal areas separate from personnel areas (Guide, p 134)



location - separation of species (Guide, p 111)

Comments	
Inspector:	ini ini ini
Status:	Compliant

location - separation by disease status (Guide, p 111)

Comments:	
Inspector:	Amily Rimit (Ami
Status:	Compliant

location - security and access control (Guide, p 151)

Comments:		
Inspector:	مشقة بتست بتنسا	Ì
Status:	Compliant	

Construction*

construction - corridors (Gu	ide, p 13	6)
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Comments		
Inspector:	iniy ind (2)
Status:	Compliant	

construction - animal room doors (Guide, pp 137, 150)

Comments	:
Inspector:	Ensily Eisste (Col
Status:	Compliant

construction - exterior windows (Guide, p 137)



construction - floors (Guide, pp 137, 150)

Comments	
Inspector:	
Status:	Compliant

construction - drainage (Guide, pp 138, 150)

Comments:	
Inspector:	أحصنها فحطا بتنطر
Status:	Compliant

construction - walls and ceilings (Guide, pp 138, 150)

Comments:	
Inspector:	أتستمثر بتستا بتسا
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, pp 139, 150-151)

Comments:		
Inspector:	Entire Einste (Antonio	Ì
Status:	Compliant	

construction - power and lighting (Guide, pp 141, 150)



construction - noise control (Guide, p 142)

Comments:	
Inspector:	Entry Etch (Colory)
Status:	Compliant

construction - vibration control (Guide, p 142)

International (Anternational)
Compliant

construction - environmental monitoring (Guide, p 143)

Comments:		
Inspector:	ينصل بنصل	ì
Status:	Compliant	

Water Quality*

water quality - standards for acceptable quality are established (Guide, p 78)

Comments:		
Inspector:		
Status:	Compliant	

water quality - chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems (Guide, pp78, 86) [must]



Life Support System*

life support system - water source is based on appropriate controls and research requirements (Guide, p 79)



life support system - biofilter is of sufficient size to process bioload (Guide, p 80) [must]



Temperature, Humidity and Ventilation/Illumination/Noise and Vibration*

temperature and humidity (Guide, pp 43, 80-81)

Comments	
Inspector:	
Status:	Compliant

ventilation and air quality (Guide, pp 45, 81)

Comments	
Inspector:	أحصنه شعا بنصا
Status:	Compliant

illumination (Guide, pp 47, 81)

Comments	
Inspector:	منعقر فستا بإنسا
Status:	Compliant

noise and vibration (Guide, pp 49, 81)

Comments	
Inspector:	For the First (Restant)
Status:	Compliant

Primary Enclosure*

primary enclosure - allows for normal physiological and behavioral needs (Guide, p 82)

Comments:		
Inspector:	Entity Einste (Antonio	
Status:	Compliant	

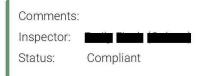
primary enclosure - allows social interaction for social species (Guide, p 82)



primary enclosure - provides a balanced, stable environment (Guide, p 82)

Comments	2 5			
Inspector:		í î	т	Ì
Status:	Compliant			

primary enclosure - provides appropriate water quality and monitoring (Guide, p 82)



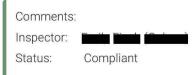
primary enclosure - allows access to food and waste removal (Guide, p 82)

Comments:	
Inspector:	أستعقب فسنت جنسي
Status:	Compliant

primary enclosure - restricts escape and entrapment (Guide, p 82)

Comments:	
Inspector:	أحصنك أشنا وتصا
Status:	Compliant

primary enclosure - allows undisturbed observation (Guide, p 82)



primary enclosure - constructed of nontoxic materials (Guide, p 82)



primary enclosure - prevents electrical hazards (Guide, p 82)

أستنقل السنا جنسا
Compliant

primary enclosure - space needs of species are evaluated by IACUC during program evaluations and facility inspections (Guide, p 83)

Comments:	
Inspector:	أسنعة أنصل
Status:	Compliant

Environmental Enrichment, Social Housing, Behavioral and Social Management*

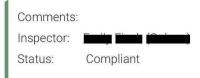
enrichment elicits appropriate behaviors and is safe (Guide, p 83)

Comments				
Inspector:	Finite Finite	(T)
Status:	Compliant			

enrichment, housing, behavior social management - semi-aquatic reptiles are provided terrestrial areas (Guide, p 83)

Comments:				
Inspector:	ينصل بتنط	í.	T.	Ì
Status:	Compliant			

enrichment, housing, behavior social management - handling is kept to a minimum and appropriate techniques are in place at facility or protocol level (Guide, p 84)



enrichment, housing, behavior social management - nets are cleaned, disinfected and managed to avoid contamination of systems (Guide, p 84)

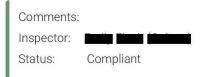


Food*

food - storage to prevent contamination, preserve nutrients and prevent pests (Guide, p 84)

Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

food - delivery ensures access to all , minimizing aggression and nutrient loss (Guide, p 84)



food - storage times are based on manufacturer recommendations or accepted practice (Guide, p 84)



food - a nutritionally complete diet is provided (Guide, p 84)

Comments:	
Inspector:	ذهر المراجعة المراجع
Status: Co	mpliant

Substrate*

amount, type and presentation of substrate is appropriate for the system and the species (Guide, p 85)



Sanitation, Cleaning and Disinfection*

sanitation - frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring (Guide, p 86)

Comments	
Inspector:	
Status:	Compliant

sanitation - cleaning and disinfection of macroenvironment (Guide, p 86)



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)



hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments				
Inspector:	iniy ind	(î	r)
Status:	Compliant			

waste - animal carcasses (Guide, pp 73-74)

Comments:	
Inspector:	Emily Einste (Pol
Status:	Compliant

waste - procedures for storage and disposal (Guide, pp 73-74)



waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments	
Inspector:	Finite Finite (Antonia)
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)



documented program including control of pests and insecticide use (Guide, p 74)

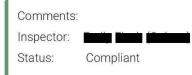


Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, pp 74, 87)



care - provision for accessible contact information (Guide, pp 74, 87)



care - emergency response plans in place to address major system failures (Guide, 87)



veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

	6	£)
Compliant			
	Compliant	in in the fi	

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, back emergency contact, IACUC protocol number, DOB and of weaning)

Comments				
Inspector:		(î	.)	ľ
Status:	Compliant			

identification - genotype information included and standardized nomenclature used when applicable (Guide, pp 75, 87)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Recordkeeping*

records - water quality parameters and frequency of testing recorded (Guide, p 88)

Comments	
Inspector:	Early First (Return)
Status:	Compliant

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records accessible and contain appropriate information (Guide, pp 75-76)

Comments:				
Inspector:		(1	Ì
Status:	Compliant			

records are provided when animals are transferred between institutions (Guide, p 75)

Comments:		
Inspector:		
Status:	Compliant	

Storage*

storage - adequate space for equipment, supplies, food, substrate and refuse (Guide, p 141)

Comments:	
Inspector:	Entity Etcals (Cont
Status:	Compliant

storage - substrate protected from contamination (Guide, p 141)



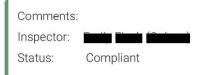
storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)

Comments	
Inspector:	
Status:	Compliant

refuse storage is separate (Guide, p 141)

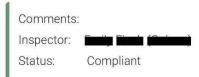


carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



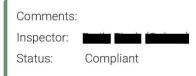
aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	أحصاصا أحصا الأسا
Status:	Compliant

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments	:
Inspector:	(مسلم الأسلم الأسلم)
Status:	Compliant

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)

Comments		
Inspector:	فسنار وتسا	(i
Status:	Compliant	

aseptic surgery - operating room - effective contamination control procedures (Guide, p 144)

Comments:	
Inspector:	مستحقية فتصنا جثنهما
Status:	Compliant

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



aseptic surgery -operating room - lighting safe and appropriate (Guide, p 145)

Comments:		
Inspector:		Ì
Status:	Compliant	

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



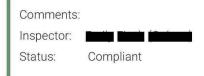
aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments:			
Inspector:		a.	Ì
Status:	Compliant		

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments		
Inspector:	Finite Finite (Post	Ì
Status:	Compliant	

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)

Comments:	
Inspector:	أستقرأ شما بتسر
Status:	Compliant

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments:	
Inspector:	(<u>م</u> انعة (
Status:	Compliant

survival surgery - records of peri-operative care (Guide, p 120)

Compliant

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments:	
Inspector:	
Status:	Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145)



survival surgery - storage of autoclaved materials (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)



Imaging/Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	
Inspector:	أحصاحكم الأصلح والصر
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)



imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

ini ini ini ini i
N/A
Dec 19, 2019

imaging console is located away from radiation source (Guide, p 147)

Comments	:
Inspector:	ر المساحكة الأسلط الألسط
Status:	N/A
Due Date:	Dec 19, 2019

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

أحصنها فحطا وتصا
N/A
Dec 19, 2019

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	;
Inspector:	أسنعت أستا بتست
Status:	N/A
Due Date:	Dec 19, 2019

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

Comments	
Inspector:	(مساعد) شعال بإنسا
Status:	N/A
Due Date:	Dec 19, 2019

behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

Comments	•
Inspector:	(مساحد) واست والنسو
Status:	N/A
Due Date:	Dec 19, 2019

behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments	
Inspector:	أستعقر شعتا وتسا
Status:	N/A
Due Date:	Dec 19, 2019



UCSC Terrestrial

Managers Not Assigned

Inspection Contributors

Status Done Inspection Date Mar 12, 2019

Report Sent Date Nov 19, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments:			
Inspector:	Timit IImi	ĺ	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments:	
Inspector:	Entir Einit (A. 1
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

Comments	
Inspector:	
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments		
Inspector:	ثأر السنا بتسا	Ŧ
Status:	Compliant	

construction - animal room doors (Guide, p 137)

Compliant	
	Compliant

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	(مسلمة) بلسنة بإنسة
Status:	Compliant

construction - floors (Guide, p 137)

Comments	:
Inspector:	Entry Einstein (Ontrop)
Status:	Compliant

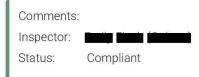
construction - drainage (Guide, p 138)



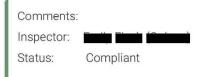
construction - walls and ceilings (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, p 139)



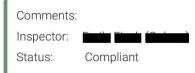
construction - power and lighting (Guide, p 141)



construction - noise control (Guide, p 142)

Comments	
Inspector:	أحصنه فعنا وتصل
Status:	Compliant

construction - vibration control (Guide, p 142)



construction - environmental monitoring (Guide, p 143)

Comments:	
Inspector:	Finite (Anton)
Status:	Compliant

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments	
Inspector:	
Status:	Compliant

room cage ventilation and air quality (Guide, p 45)

Comments:				
Inspector:	يتحدثا وتدعل	Í	7.01	Ì
Status:	Compliant			

room cage - illumination (Guide, p 47)

Comments		
Inspector:		
Status:	Compliant	

room cage - noise and vibration (Guide, p 49)

Comments		
Inspector:	Fill Fill (C	X
Status:	Compliant	

Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments	
Inspector:	facily finals (finals)
Status:	Compliant

primary enclosure - secure environment provided (Guide, p 51)

Comments:	
Inspector:	Feedback (feedback)
Status:	Compliant

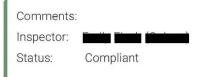
primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



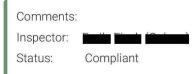
primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



primary enclosure - objective assessments of housing and management are made (Guide, p 52)

Comments:		
Inspector:	ينصلا وتصل	
Status:	Compliant	

primary enclosure - procedures for routine husbandry are documented (Guide, p 52)



primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

International	
Compliant	
	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments	
Inspector:	أحصنها فحط وتصر
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)

Comments:	
Inspector:	أحصاصك فأعدا والمحا
Status:	Compliant

Sanitation*

sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments	
Inspector:	Entin Einin (ênt
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

Comments	
Inspector:	(مساحد) المستا الإنسا
Status:	Compliant

Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

Comments:	
Inspector:	
Status: 0	Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)

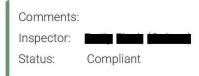


General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments		
Inspector:	inin ind úter	À
Status:	Compliant	

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



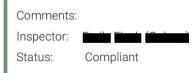
sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	أسنعة فحتا وتست
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)



safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

inia interiori
Compliant

animal welfare signage (AAALAC Site Visit 2013)



Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments	:
Inspector:	Early Einer (Carles)
Status:	Compliant

novelty of enrichment is considered (Guide, p 53)

Entire Einste (Antonio
Compliant

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments	
Inspector:	
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments:	
Inspector:	فسنت ونست
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for

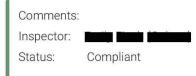
incompatibility (Guide, p 64)

Comments	:
Inspector:	أحصادها بأحداد بالحا
Status:	Compliant

enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)

1

enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)

Comments:	
Inspector:	
Status:	Compliant

habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments:		
Inspector:		()
Status:	Compliant	

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]

Comments	
Inspector:	(مساحق) واستار وانسار
Status:	Compliant

sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments	
Inspector:	Finite Finite (Column)
Status:	Compliant

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)



sheltered or outdoor housing - animal acclimation (Guide, p 55)



sheltered or outdoor housing - social compatibility (Guide, p 55)

Comments:		
Inspector:	National State	
Status:	Compliant	

sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)



sheltered or outdoor housing - appropriate security (Guide, p 55)

Comments	a. 9.
Inspector:	Frida Finada (Carlana)
Status:	Compliant

Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)

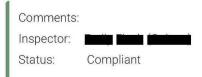


naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)

Comments		
Inspector:	Tariy Timb (Cala	Ì
Status:	Compliant	

Food*

food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)



food - contamination prevention (Guide, p 65)

Comments:	
Inspector:	Initia linit (inita)
Status:	Compliant

food - vendor quality control (Guide, p 66)

Comments:	
Inspector:	أستحقز يتصلا وتصل
Status:	Compliant

food - storage in sealed containers (Guide, p 66)

Comments	:
Inspector:	
Status:	Compliant

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)

Compliant

food - vermin control (Guide, p 66)



food - rotation of stocks (Guide, p 66)

Comments	
Inspector:	أحصنمته شمنا برتصا
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

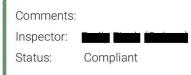
Compliant

water - QC procedures (Guide, pp 67-68)



Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)



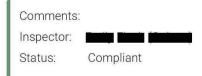
bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments:
Inspector:
Status: Compliant

bedding nesting - QC procedures (Guide, pp 68-69)

Comments	
Inspector:	(مصاحدًا) واحدادًا والنصار
Status:	Compliant

bedding nesting - minimizes scientific variables (Guide, pp 68-69)



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments	:
Inspector:	أحصادها بأصاح وانصل
Status:	Compliant

waste - animal carcasses (Guide, pp 73-74)

Comments:		
Inspector:	أ الأصلا الإثناء	<u> </u>
Status:	Compliant	

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments	
Inspector:	Emily Einste (Contra
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)

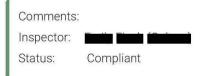
Comments	
Inspector:	
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	:
Inspector:	أستكثر لأستا بتنسا
Status:	Compliant

documented program including control of rodent pests and insecticide use (Guide, p 74)



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	finite finite (finite
Status:	Compliant

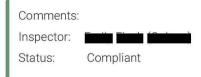
care - provision for accessible contact information (Guide, p 74)

Comments		
Inspector:	The state of the state	
Status:	Compliant	

care - monitoring of backup systems (Guide, p 143)



care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

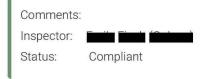


care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, emergency contact, IACUC protocol number, date of birth and of weaning)



identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)

Comments	
Inspector:	
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

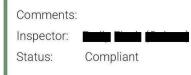


Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records are provided when animals are transferred between institutions (Guide, p 75)



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)

Comments:	
Inspector:	
Status:	Compliant

breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	فسنت إنسا
Status:	Compliant

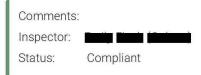
aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments:	
Inspector:	(مسلمة) الستار بإنسار
Status:	Compliant

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

Comments	
Inspector:	Finite Finite (Anima)
Status:	Compliant

aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



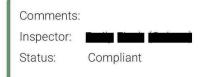
aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)



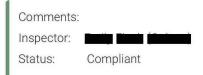
aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



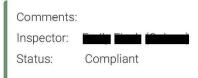
aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)

Comments	
Inspector:	Finite Finite (Anima)
Status:	Compliant

aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



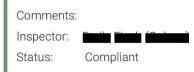
aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)

Comments:		
Inspector:	Entire Rinch	
Status:	Compliant	

aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



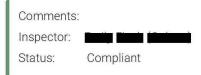
aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



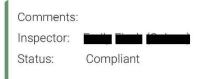
aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



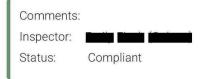
aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)

Comments:				
Inspector:		6	4	Ì
Status:	Compliant			

aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)

ini ini (înim)
Compliant

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	:
Inspector:	
Status:	Compliant

survival surgery - records of peri-operative care (Guide, p 120)

Comments:				
Inspector:	فسنا بإنسا	(T.)
Status:	Compliant			

survival surgery - aseptic procedures (Guide, pp 118-119)

Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145

Comments:			
Inspector:	فسنا يزنسا	1	Ì
Status:	Compliant		

survival surgery - storage of autoclaved materials (Guide, p 145)

Comments:		
Inspector:	أنعنا برتصا	
Status:	Compliant	

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	:
Inspector:	
Status:	Compliant

Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)



imaging irradiation - appropriate transportation methods are in place (Guide, p 147)



imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

ompliant

imaging console is located away from radiation source (Guide, p 147)

Comments:				
Inspector:	فسنت وتنصل	Í	10	ì
Status:	Compliant			

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments:	
Inspector:	(مساع والسلة (شساة
Status:	Compliant

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)



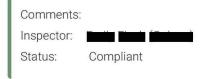
behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	
Inspector:	Early Einste (Carlos
Status:	Compliant

behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments:	
Inspector:	فسنعقز ينصنا وننصا
Status:	Compliant



Inspection Date Mar 12, 2019

Report Sent Date Nov 19, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments		
Inspector:	Entry Pinch (i i
Status:	Compliant	

location - separation of species (Guide, p 111)

Comments	:
Inspector:	Entire Einste (Contract)
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

Comments	
Inspector:	
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments		
Inspector:	ثأر السنا بتسا	Ŧ
Status:	Compliant	

construction - animal room doors (Guide, p 137)

Comments	:
Inspector:	
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	(مسلحة بتسلم
Status:	Compliant

construction - floors (Guide, p 137)

Comments	:
Inspector:	Entry Einstein (Ontrop)
Status:	Compliant

construction - drainage (Guide, p 138)



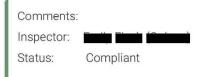
construction - walls and ceilings (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, p 139)

Comments:	
Inspector:	(مستقر أشقا بتنطر
Status:	Compliant

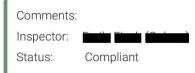
construction - power and lighting (Guide, p 141)



construction - noise control (Guide, p 142)

Comments	
Inspector:	أحصنه فعنا وتصل
Status:	Compliant

construction - vibration control (Guide, p 142)



construction - environmental monitoring (Guide, p 143)



Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments	
Inspector:	
Status:	Compliant

room cage ventilation and air quality (Guide, p 45)

Comments				
Inspector:	شمنا يتصا	(670	Ì
Status:	Compliant			

room cage - illumination (Guide, p 47)

Comments		
Inspector:		
Status:	Compliant	

room cage - noise and vibration (Guide, p 49)

Comments:		
Inspector:	ينصلا بتسل	
Status:	Compliant	

Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments	
Inspector:	facily finals (finals)
Status:	Compliant

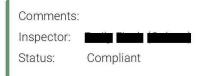
primary enclosure - secure environment provided (Guide, p 51)

Comments	
Inspector:	ز من من السلم الا لسم
Status:	Compliant

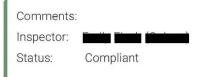
primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



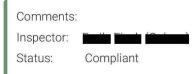
primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



primary enclosure - objective assessments of housing and management are made (Guide, p 52)

Comments:		
Inspector:	ينصلا وتصل	
Status:	Compliant	

primary enclosure - procedures for routine husbandry are documented (Guide, p 52)



primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

International	
Compliant	
	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments	
Inspector:	أحصنها فحط وتصر
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)

Comments:		
Inspector:		1
Status:	Compliant	

Sanitation*

sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments:	
Inspector:	Entire Ethnia (Christian
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

Comments	
Inspector:	(مساحد) المستا الإنسا
Status:	Compliant

Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

Comments:	
Inspector:	
Status:	Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:	March 12, 2019 inspection of Biomed vivarium Room not inspected
Inspector:	
Location:	Vivarium (Sciences)
Status:	N/A

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments:	
Inspector:	
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)

Comments:	
Inspector:	سنعتب فسنا جنسا
Status:	Compliant

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

inia interiori
Compliant

animal welfare signage (AAALAC Site Visit 2013)



Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments	:
Inspector:	Early Einer (Carles)
Status:	Compliant

novelty of enrichment is considered (Guide, p 53)

Entire Einste (Antonio
Compliant

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments	:
Inspector:	
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments:	
Inspector:	المناع وانست
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for

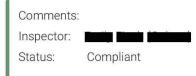
incompatibility (Guide, p 64)

Comments	:
Inspector:	أحصادها بأحداد بالحا
Status:	Compliant

enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)

1

enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)

Comments:	
Inspector:	
Status:	Compliant

habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments:		
Inspector:		
Status:	Compliant	

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]

Comments	
Inspector:	(مساحق) واستار وانسار
Status:	Compliant

sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments	
Inspector:	Emily Finals (Calant)
Status:	Compliant

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)



sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments	:
Inspector:	منعقر فسنا وتسا
Status:	Compliant

sheltered or outdoor housing - social compatibility (Guide, p 55)

Comments:		
Inspector:	ini ini	
Status:	Compliant	

sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)



sheltered or outdoor housing - appropriate security (Guide, p 55)

Comments	9. 9.
Inspector:	
Status:	Compliant

Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)

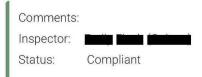


naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)

Comments	
Inspector:	(مسنعة) فسنة ونسبة
Status:	Compliant

Food*

food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)



food - contamination prevention (Guide, p 65)

Comments:	
Inspector:	Initia linit (inita)
Status:	Compliant

food - vendor quality control (Guide, p 66)

Comments:		
Inspector:	أأ شطا يتسا	i j
Status:	Compliant	

food - storage in sealed containers (Guide, p 66)

Comments	:
Inspector:	
Status:	Compliant

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)

Compliant

food - vermin control (Guide, p 66)



food - rotation of stocks (Guide, p 66)

Comments	:
Inspector:	أستحقز فحذا بتسا
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

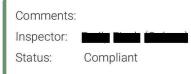
Compliant

water - QC procedures (Guide, pp 67-68)



Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)



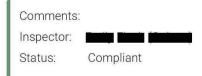
bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments:
Inspector:
Status: Compliant

bedding nesting - QC procedures (Guide, pp 68-69)

Comments	
Inspector:	(مصاحدًا) واحدادًا والنصار
Status:	Compliant

bedding nesting - minimizes scientific variables (Guide, pp 68-69)



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments	:
Inspector:	
Status:	Compliant

waste - animal carcasses (Guide, pp 73-74)

Comments		
Inspector:	lenia liceia (în i	
Status:	Compliant	

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments	•
Inspector:	Emily Einstein (Andre
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)

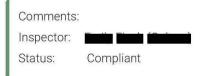
Comments:	
Inspector:	Earlin Einste (Antonio
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	
Inspector:	
Status:	Compliant

documented program including control of rodent pests and insecticide use (Guide, p 74)



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	finite finite (finite
Status:	Compliant

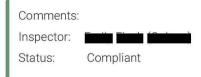
care - provision for accessible contact information (Guide, p 74)

Comments		
Inspector:	The State	
Status:	Compliant	

care - monitoring of backup systems (Guide, p 143)



care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

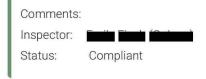


care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, emergency contact, IACUC protocol number, date of birth and of weaning)



identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)

Comments	:
Inspector:	Entra Etable (Retario)
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

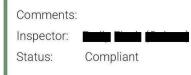


Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records are provided when animals are transferred between institutions (Guide, p 75)



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)

Comments:	
Inspector:	
Status:	Compliant

breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	(مسنعة) فسنة بإنسا
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

inia indiata)
N/A
Dec 19, 2019

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

(مساع الأسام
N/A
Dec 19, 2019

aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)

Comments	•
Inspector:	Entry Einster (Control)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)

Comments	
Inspector:	Finite Finite (finites)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)

Comments	
Inspector:	أستحقز بتصلح بتنصل
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)

Emily Eine (Color)
N/A
Dec 19, 2019

aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)

Comments:	
Inspector:	(مسلمة) المسلم والسم
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)

Comments	
Inspector:	E in Eini (E in)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments	
Inspector:	Emily Einde (And
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments:	
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)

مناجعة وتست
N/A
Dec 19, 2019

aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments:	
Inspector:	(مستعقز بتصلح وتصل
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)

inia inak (inia)
N/A
Dec 19, 2019

aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments	:
Inspector:	أحصامكم فحطا الأحط
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments	
Inspector:	(مساحق) فلسنتا وانستا
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	
Inspector:	Territ Dissib (Column
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - records of peri-operative care (Guide, p 120)

Comments	1
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments	:
Inspector:	أحصامكم فحطا الأحط
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145

المناع الأست
N/A
Dec 19, 2019

survival surgery - storage of autoclaved materials (Guide, p 145)

Comments:	
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

2019

Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	
Inspector:	inia iinia (înim)
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments	:
Inspector:	أحصامكم فحطا الأحط
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

(مساعدة) فسنتا برانستا
N/A
Dec 19, 2019

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

Comments	:
Inspector:	أرجعت المتعالم
Status:	N/A
Due Date:	Dec 19, 2019

imaging console is located away from radiation source (Guide, p 147)

Comments	
Inspector:	inip inch (Anim)
Status:	N/A
Due Date:	Dec 19, 2019

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments	
Inspector:	ini ini (Arim)
Status:	N/A
Due Date:	Dec 19, 2019

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)



behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments:	
Inspector:	أسفار بتعار
Status:	Compliant

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

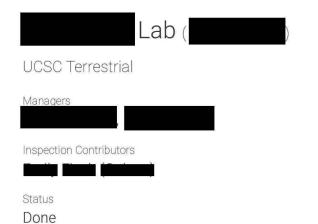


behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

شعنا وتنعل	í	a.	Ì
Compliant			
	Compliant	Compliant	Compliant

behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments:			
Inspector:		(f	ì
Status:	Compliant		



Inspection Date Sep 10, 2019

Report Sent Date Nov 21, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments	1		
Inspector:	finite finite	ĺ	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments	
Inspector:	Entir Einik (Salan)
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

Comments	
Inspector:	
Status:	Compliant

Location-Other

Comments	:
Inspector:	(مستحق) فتصلح وتحط
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments	:
Inspector:	
Status:	Compliant

construction - animal room doors (Guide, p 137)

Comments	;	
Inspector:	inita inita (inita)
Status:	Compliant	

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	
Status:	Compliant

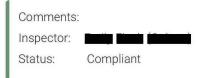
construction - floors (Guide, p 137)



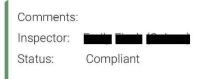
construction - drainage (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - walls and ceilings (Guide, p 138)



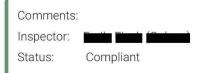
construction - heating ventilation and air conditioning (Guide, p 139)



construction - power and lighting (Guide, p 141)

Comments:		
Inspector:	Early Eisek (2	i - S
Status:	Compliant	

construction - noise control (Guide, p 142)



construction - vibration control (Guide, p 142)

Comments:	
Inspector:	Entry Each (Colory)
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	:
Inspector:	فسنعتبث بنسنا جنسا
Status:	Compliant

Construction-Other

Comments:		
Inspector:	ينصنا بننط	Ì
Status:	Compliant	

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments:		
Inspector:		
Status:	Compliant	

room cage ventilation and air quality (Guide, p 45)



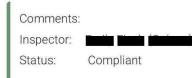
room cage - illumination (Guide, p 47)



room cage - noise and vibration (Guide, p 49)



Room/Cage-Other

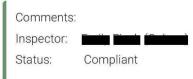


Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments:		
Inspector:	يتعنا بتنط	
Status:	Compliant	

primary enclosure - secure environment provided (Guide, p 51)



primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)



primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



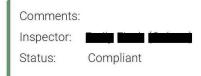
primary enclosure - objective assessments of housing and management are made (Guide, p 52)



primary enclosure - procedures for routine husbandry are documented (Guide, p 52)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

Comments:	
Inspector:	(مستحد) فستا بتنسا
Status:	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments:				
Inspector:		(î	a.	Ì
Status:	Compliant			

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)



Primary Enclosure-Other

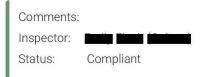


Sanitation*

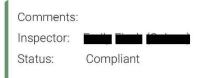
sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments	
Inspector:	
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

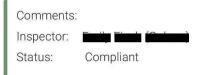
Comments	
Inspector:	أستعل شعتا يتعا
Status:	Compliant

Sanitation-Other



Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

i in Finite (Antonia
Compliant
(

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



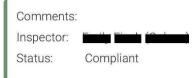
refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)

Comments:		
Inspector:		
Status:	Compliant	

Storage-Other



General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:	
Inspector:	(مستعد) فستا يتسر
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

Comments	:
Inspector:	
Status:	Compliant

sharps disposal (Guide, p 74)

Comments				
Inspector:	شمنا بتسا	(C	7970	
Status:	Compliant			

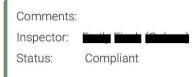
anesthetic monitoring (Guide, p 120)

Comments:			
Inspector:		(l)
Status:	Compliant		

scavenging of anesthetic gases (Guide, p 21)

Comments	:
Inspector:	Entin Einin (ê. 1
Status:	Compliant

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)



animal welfare signage (AAALAC Site Visit 2013)

Comments	
Inspector:	
Status:	Compliant

General Considerations-Other



Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments	:
Inspector:	Early Einer (Carles)
Status:	Compliant

novelty of enrichment is considered (Guide, p 53)

Compliant

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments	
Inspector:	أحصادها بانصلا بانصا
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments:	
Inspector:	
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for

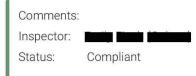
incompatibility (Guide, p 64)

Comments	:
Inspector:	أحصادها بأحداد بالحا
Status:	Compliant

enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)

Comments:				
Inspector:	Finit Finit	ĺ	1	Ì
Status:	Compliant			

habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments:	
Inspector:	
Status:	Compliant

Environment Enrichment, Behavioral and Social Management-Other

Comments	
Inspector:	
Status:	Compliant

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]



sheltered or outdoor housing - appropriate size (Guide, p 54)



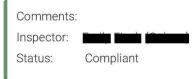
sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)



sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments:	
Inspector:	
Status: Com	npliant

sheltered or outdoor housing - social compatibility (Guide, p 55)



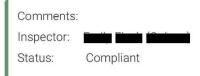
sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)

Comments	
Inspector:	Finite Finite (Port
Status:	Compliant

sheltered or outdoor housing - appropriate security (Guide, p 55)



Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)-Other



Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)



naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)

Comments	;
Inspector:	init init (init)
Status:	Compliant

Naturalistic Environments-Other



Food*

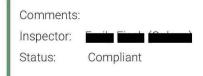
food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)

Comments:		
Inspector:	Entry Final	
Status:	Compliant	

food - contamination prevention (Guide, p 65)

Comments:	
Inspector:	مستعدان فليست
Status:	Compliant

food - vendor quality control (Guide, p 66)



food - storage in sealed containers (Guide, p 66)

Comments	
Inspector:	أستنب انسنا بتسنع
Status:	Compliant

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)



food - vermin control (Guide, p 66)



food - rotation of stocks (Guide, p 66)

	Comments:	
	Inspector:	
	Status: 0	Compliant
Į		

Food-Other

Comments	:
Inspector:	أحسنها شحتا بنسا
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

Compliant	
(Compliant

water - QC procedures (Guide, pp 67-68)

Comments	
Inspector:	أستاب أأساد
Status:	Compliant

Water-Other

Comments	:
Inspector:	Early Eissen (Cartana)
Status:	Compliant

Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)

Comments	
Inspector:	أحصادها بأصلح بإنصا
Status:	Compliant

bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments	
Inspector:	ini ini (înim)
Status:	Compliant

bedding nesting - QC procedures (Guide, pp 68-69)



bedding nesting - minimizes scientific variables (Guide, pp 68-69)

Comments:		
Inspector:		
Status:	Compliant	

Bedding and Nesting Materials-Other

Comments	:
Inspector:	السندة) شدة وتسل
Status:	Compliant

Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments:		
Inspector:	Enily Eini	
Status:	Compliant	

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]



waste - animal carcasses (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments:	
Inspector:	أحصنها فحنا بتصا
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:	
Inspector:	(مستعد) فستا جنسا
Status:	Compliant
otatao.	oomphane

Waste Disposal-Other

Comments:	
Inspector:	أسنعة فعتا بتعا
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	1
Inspector:	Emily Einste (Colom)
Status:	Compliant

documented program including control of rodent pests and insecticide use (Guide, p 74)



Pest Control-Other

Comments	
Inspector:	inin ind (Antoni
Status:	Compliant

Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)



care - provision for accessible contact information (Guide, p 74)

Comments	:
Inspector:	
Status:	Compliant

care - monitoring of backup systems (Guide, p 143)

Comments	
Inspector:	أسناع بتسنا
Status:	Compliant

care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

Comments	
Inspector:	Entry Einste (Correct)
Status:	Compliant

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Emergency, Weekend, and Holiday Animal Care-Other

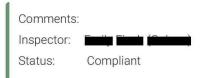
Comments:	
Inspector:	Finite Finite (fini
Status:	Compliant

Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)

Comments:	
Inspector:	
Status:	Compliant
Otatus.	oompliant

identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Identification-Other



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

Comments	:
Inspector:	Finite Finite (Contract)
Status:	Compliant

Personnel-Other

Comments	:
Inspector:	أستا يرانسا
Status:	Compliant

Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)

Comments	
Inspector:	أحصفها فصنا بزنسا
Status:	Compliant

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)

Comments:		
Inspector:	Entra Etab	
Status:	Compliant	

records are provided when animals are transferred between institutions (Guide, p 75)



Recordkeeping-Other



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)

	6	Б	X
Compliant			
	Compliant	الأن الأسلام الأنسام (

breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)



Breeding Genetics and Nomenclature-Other



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments			
Inspector:	Finite Fi	i i	, î
Status:	N/A		

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments		
Inspector:		
Status:	N/A	

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

Comments				
Inspector:	jenia j	(Т	Ì
Status:	N/A			

aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)

Comments:				
Inspector:			1)
Status:	N/A			

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)

Comments			
Inspector:		 6	l à
Status:	N/A		

aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)

Comments	
Inspector:	Tarih Fisch (Palan)
Status:	N/A

aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)

Comments			
Inspector:		(î	
Status:	N/A		

aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)

Comments:	
Inspector:	المناع الأست
Status:	N/A

aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)

Comments:	
Inspector:	
Status:	N/A

Aseptic Surgery-Other

Comments	
Inspector:	Ranify River (film)
Status:	N/A

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	;	
Inspector:	ا بند	
Status:	N/A	

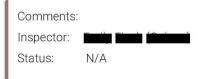
survival surgery - records of peri-operative care (Guide, p 120)

Comments	:
Inspector:	Early Eine h (Anton)
Status:	N/A

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments:	
Inspector:	Finity Finite (Polo
Status:	N/A

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145



survival surgery - storage of autoclaved materials (Guide, p 145)

Comments	1 8)			
Inspector:		 í î	£	Ì
Status:	N/A			

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)



Survival Surgery-Other



Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments		
Inspector:	ب منصلة برنسة	
Status:	N/A	

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments	
Inspector:	
Status:	N/A

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

Comments	
Inspector:	
Status:	N/A

imaging console is located away from radiation source (Guide, p 147)

Comments		
Inspector:	ا رتسا	1
Status:	N/A	

Imaging / Whole Body Irradiation-Other

Comments				
Inspector:			i.	
Status:	N/A			

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Hazardous Agent Containment-Other

Comments:		
Inspector:	استا پندا	
Status:	Compliant	

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Comments	
Inspector:	Finite Finite (Color)
Status:	Compliant

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	
Inspector:	Entin Einin (Col
Status:	Compliant

behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)



Behavioral Studies-Other

Comments	
Inspector:	Enily Eine (Eni
Status:	Compliant



Inspection Date Mar 8, 2019

Report Sent Date Nov 19, 2019

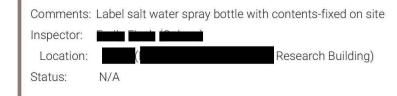
Notes

No Notes

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



sharps disposal (Guide, p 74)

Finit Finit	(ar i)
Compliant			
	Compliant	Entry Etch (A	

anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	أحسنها فحنا بنص
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)

Comments	
Inspector:	
Status:	Compliant

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)

Comments	n
Inspector:	
Status:	Compliant

carcass disposal (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

animal welfare signage (AAALAC Site Visit 2013)

Location*

location - animal areas separate from personnel areas (Guide, p 134)



location - separation of species (Guide, p 111)

Comments	;
Inspector:	En ily Einsk (fin l
Status:	Compliant

location - separation by disease status (Guide, p 111)

Comments	
Inspector:	(مسلمة) شملة وتسل
Status:	Compliant

location - security and access control (Guide, p 151)

Comments:	
Inspector:	
Status:	Compliant

Construction*

construction - corridors	(Guide, p 136)
--------------------------	----------------

Comments:	
Inspector:	
Status:	Compliant

construction - animal room doors (Guide, pp 137, 150)

Comments:				
Inspector:	فسنا بتسا	(Ē	Ŧ	Ì
Status:	Compliant			

construction - exterior windows (Guide, p 137)

Comments:	
Inspector:	(مستعلم) الأسناع الإنساع
Status:	Compliant

construction - floors (Guide, pp 137, 150)

Comments		
Inspector:		
Status:	Compliant	

construction - drainage (Guide, pp 138, 150)

Comments:	
Inspector:	
Status:	Compliant

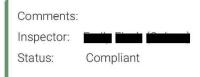
construction - walls and ceilings (Guide, pp 138, 150)

Comments	
Inspector:	
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, pp 139, 150-151)

Comments	
Inspector:	(مستقر فسنا بنسم
Status:	Compliant

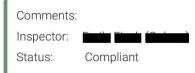
construction - power and lighting (Guide, pp 141, 150)



construction - noise control (Guide, p 142)

Comments:	
Inspector:	المتقاربة فتعتار
Status:	Compliant

construction - vibration control (Guide, p 142)



construction - environmental monitoring (Guide, p 143)

Comments	1
Inspector:	Entine Einen (Entine)
Status:	Compliant

Water Quality*

water quality - standards for acceptable quality are established (Guide, p 78)

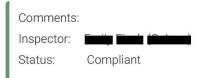
	i X
Compliant	
	: Compliant

water quality - chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems (Guide, pp78, 86) [must]



Life Support System*

life support system - water source is based on appropriate controls and research requirements (Guide, p 79)



life support system - biofilter is of sufficient size to process bioload (Guide, p 80) [must]



Temperature, Humidity and Ventilation/Illumination/Noise and Vibration*

temperature and humidity (Guide, pp 43, 80-81)

Comments	:
Inspector:	(مستعقر بنصلا يتسل
Status:	Compliant

ventilation and air quality (Guide, pp 45, 81)

Comments	
Inspector:	
Status:	Compliant

illumination (Guide, pp 47, 81)

Comments	:
Inspector:	Entity Einste (find
Status:	Compliant

noise and vibration (Guide, pp 49, 81)



Primary Enclosure*

primary enclosure - allows for normal physiological and behavioral needs (Guide, p 82)

Comments	
Inspector:	innin iinni (îni
Status:	Compliant

primary enclosure - allows social interaction for social species (Guide, p 82)

Comments	:
Inspector:	Entity Etcals (Action
Status:	Compliant

primary enclosure - provides a balanced, stable environment (Guide, p 82)

Comments:	
Inspector:	Enil Enil (
Status:	Compliant

primary enclosure - provides appropriate water quality and monitoring (Guide, p 82)

Comments:			
Inspector:	يتعنا يتعا	(f	Ì
Status:	Compliant		

primary enclosure - allows access to food and waste removal (Guide, p 82)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - restricts escape and entrapment (Guide, p 82)

Comments:				
Inspector:	Justin Rissi	Ĺ	1	Ì
Status:	Compliant			

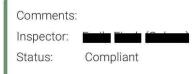
primary enclosure - allows undisturbed observation (Guide, p 82)

Comments:		
Inspector:		
Status:	Compliant	

primary enclosure - constructed of nontoxic materials (Guide, p 82)

Comments:	
Inspector:	أستا التصا
Status:	Compliant

primary enclosure - prevents electrical hazards (Guide, p 82)



primary enclosure - space needs of species are evaluated by IACUC during program evaluations and facility inspections (Guide, p 83)



Environmental Enrichment, Social Housing, Behavioral and Social Management*

enrichment elicits appropriate behaviors and is safe (Guide, p 83)

Comments	
Inspector:	
Status:	Compliant

enrichment, housing, behavior social management - semi-aquatic reptiles are provided terrestrial areas (Guide, p 83)



enrichment, housing, behavior social management - handling is kept to a minimum and appropriate techniques are in place at facility or protocol level (Guide, p 84)



enrichment, housing, behavior social management - nets are cleaned, disinfected and managed to avoid contamination of systems (Guide, p 84)



Food*

food - storage to prevent contamination, preserve nutrients and prevent pests (Guide, p 84)

Comments:	
Inspector:	مندق بنصلا ببنسل
Status:	Compliant

food - delivery ensures access to all , minimizing aggression and nutrient loss (Guide, p 84)

Comments:		
Inspector:		
Status:	Compliant	
Status:	Compliant	

food - storage times are based on manufacturer recommendations or accepted practice (Guide, p 84)

Comments	1 1	
Inspector:		
Status:	Compliant	

food - a nutritionally complete diet is provided (Guide, p 84)

Comments	:
Inspector:	Estin Eistin (25)
Status:	Compliant

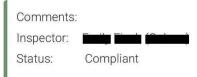
Substrate*

amount, type and presentation of substrate is appropriate for the system and the species (Guide, p 85)

Comments				
Inspector:	Finite Finite	Í	T.	ì
Status:	Compliant			

Sanitation, Cleaning and Disinfection*

sanitation - frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring (Guide, p 86)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 86)



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	:
Inspector:	
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments	:
Inspector:	Entry Etchick (Control
Status:	Compliant

waste - animal carcasses (Guide, pp 73-74)



waste - procedures for storage and disposal (Guide, pp 73-74)

Comments	:
Inspector:	أحصنمتها بتحملا جنسا
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)



Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	
Inspector:	أحصته أشنا بانصا
Status:	Compliant

documented program including control of pests and insecticide use (Guide, p 74)

Comments	
Inspector:	
Status:	Compliant

Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, pp 74, 87)



care - provision for accessible contact information (Guide, pp 74, 87)



care - emergency response plans in place to address major system failures (Guide, 87)

Comments	
Inspector:	أسناع بتسنا
Status:	Compliant

veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

Comments:	
Inspector:	Emily Einste (Pol
Status:	Compliant

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

Identification*

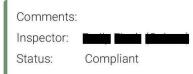
identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, back emergency contact, IACUC protocol number, DOB and of weaning)

	Tank needs ID card, reference IACUC Policy on Cage Cards https://officeofresearch.ucsc.edu/compliance/services/iacuc-01-policies.html
Inspector:	فسينعقز ينبعنا بنبي
Location:	(Research Building)
Status:	Not Compliant
Resolution:	
	n May 15, 2019
Updated by	/ Endin Final (Endine) on Nov 19, 2019
Incident Atta	chments:
Images:	

identification - genotype information included and standardized nomenclature used when applicable (Guide, pp 75, 87)

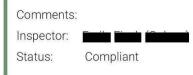
Comments:	
Inspector:	
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Recordkeeping*

records - water quality parameters and frequency of testing recorded (Guide, p 88)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)

Comments	
Inspector:	
Status:	Compliant

records accessible and contain appropriate information (Guide, pp 75-76)



records are provided when animals are transferred between institutions (Guide, p 75)



Storage*

storage - adequate space for equipment, supplies, food, substrate and refuse (Guide, p 141)



storage - substrate protected from contamination (Guide, p 141)

Comments	
Inspector:	(مساحد) فحظ والعدا
Status:	Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)

Comments:	
Inspector:	
Status:	Compliant

refuse storage is separate (Guide, p 141)

Comments		
Inspector:		
Status:	Compliant	

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



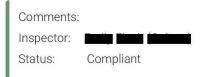
aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments		
Inspector:	فحقا يتحت	
Status:	Compliant	

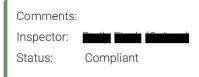
aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



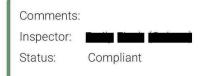
aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operating room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



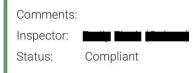
aseptic surgery -operating room - lighting safe and appropriate (Guide, p 145)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



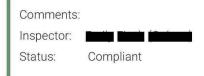
aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments:			
Inspector:		a.	Ì
Status:	Compliant		

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	
Inspector:	Early Einste (Anton)
Status:	Compliant

survival surgery - records of peri-operative care (Guide, p 120)

Compliant

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments:	1
Inspector:	
Status:	Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145)



survival surgery - storage of autoclaved materials (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)



Imaging/Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

:
أحصاصك فأصلك والصك
N/A
Dec 19, 2019

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)



imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

ini ini ini ini i
N/A
Dec 19, 2019

imaging console is located away from radiation source (Guide, p 147)

Comments	
Inspector:	أحصنهم بأعطا وتصل
Status:	N/A
Due Date:	Dec 19, 2019

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)



behavioral - floor coverings reduce sound transmission (Guide, p 149)



behavioral - testing equipment allows for surface disinfection (Guide, p 150)

Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments	:
Inspector:	أحصادها بأعداد والحد
Status:	Compliant



Inspection Date Sep 13, 2019

Report Sent Date Nov 21, 2019

Notes

No Notes

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments	
Inspector:	مستعين فسنة وانسة
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)



safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

Comments:				
Inspector:		ĺ	×.	ì
Status:	Compliant			

animal welfare signage (AAALAC Site Visit 2013)



General Considerations-Other

Comments	
Inspector:	سنعتب فسنا ببنسا
Status:	Compliant

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments	
Inspector:	
Status:	Compliant

location - separation of species (Guide, p 111)

Comments:	
Inspector:	Resile Rissie (distant
Status:	Compliant

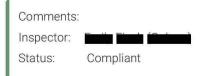
location - separation by disease status (Guide, p 111)

Comments:				
Inspector:		(î	an.	
Status:	Compliant			

location - security and access control (Guide, p 151)

Comments:		
Inspector:	Facily Finals (
Status:	Compliant	

Location-Other



Construction*

construction - corridors (Guide, p 136)



construction - animal room doors (Guide, pp 137, 150)

Comments	
Inspector:	Finite Finite (Antonia)
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments:	
Inspector:	أحسنها فحنا بنصا
Status:	Compliant

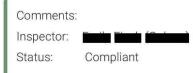
construction - floors (Guide, pp 137, 150)

Comments:	
Inspector:	فسنداز بنستا بتنسا
Status:	Compliant

construction - drainage (Guide, pp 138, 150)

Comments:	
Inspector:	
Status:	Compliant

construction - walls and ceilings (Guide, pp 138, 150)



construction - heating ventilation and air conditioning (Guide, pp 139, 150-151)



construction - power and lighting (Guide, pp 141, 150)

Comments	:
Inspector:	أحصنما النصلا الإنصار
Status:	Compliant

construction - noise control (Guide, p 142)

Comments	:	
Inspector:		Ì
Status:	Compliant	

construction - vibration control (Guide, p 142)

Comments	
Inspector:	منعت جتما
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	:
Inspector:	
Status:	Compliant

Construction-Other

Comments	
Inspector:	Rectify Result (Rector)
Status:	Compliant

Water Quality*

water quality - standards for acceptable quality are established (Guide, p 78)

Comments				
Inspector:		Í	Ŧ	Ì
Status:	Compliant			
	e et option re			

water quality - chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems (Guide, pp78, 86) [must]



Water Quality-Other

in in first (
Compliant	
	i since a since i

Life Support System*

life support system - water source is based on appropriate controls and research requirements (Guide, p 79)

Comments:	
Inspector:	
Status:	Compliant

life support system - biofilter is of sufficient size to process bioload (Guide, p 80) [must]

Comments:				
Inspector:	يندي المنتقد	(T.)
Status:	Compliant			

Life Support System-Other



Temperature, Humidity and Ventilation/Illumination/Noise and Vibration*

temperature and humidity (Guide, pp 43, 80-81)

Comments	:
Inspector:	مستعقب فسنتا بإنتسا
Status:	Compliant

ventilation and air quality (Guide, pp 45, 81)

Comments:	
Inspector:	المستقلة (أستاد الأستاد)
Status:	Compliant

illumination (Guide, pp 47, 81)

Comments:	
Inspector:	
Status:	Compliant

noise and vibration (Guide, pp 49, 81)

Comments	
Inspector:	مندق فسنتا جنست
Status:	Compliant

Temperature, Humidity and Ventilation/Illumination/Noise and Vibration-Other



Primary Enclosure*

primary enclosure - allows for normal physiological and behavioral needs (Guide, p 82)



primary enclosure - allows social interaction for social species (Guide, p 82)

Comments		
Inspector:		
Status:	Compliant	

primary enclosure - provides a balanced, stable environment (Guide, p 82)

Comments	
Inspector:	أستكثر السنا والسا
Status:	Compliant

primary enclosure - provides appropriate water quality and monitoring (Guide, p 82)

Comments	
Inspector:	Finite Finite (Annual)
Status:	Compliant

primary enclosure - allows access to food and waste removal (Guide, p 82)

Comments:			
Inspector:	ينصل يتصل	(Ì
Status:	Compliant		

primary enclosure - restricts escape and entrapment (Guide, p 82)

Comments:				
Inspector:	فسنا جنسا	(î	э.	Ì
Status:	Compliant			

primary enclosure - allows undisturbed observation (Guide, p 82)

Comments:	
Inspector:	أستع أشنا
Status:	Compliant

primary enclosure - constructed of nontoxic materials (Guide, p 82)



primary enclosure - prevents electrical hazards (Guide, p 82)

Comments:			
Inspector:	Finit Finit	T)
Status:	Compliant		

primary enclosure - space needs of species are evaluated by IACUC during program evaluations and facility inspections (Guide, p 83)

Comments	
Inspector:	
Status:	Compliant

Primary Enclosure-Other

Comments	
Inspector:	أستا الأسا
Status:	Compliant

Environmental Enrichment, Social Housing, Behavioral and Social Management*

enrichment elicits appropriate behaviors and is safe (Guide, p 83)



enrichment, housing, behavior social management - semi-aquatic reptiles are provided terrestrial areas (Guide, p 83)



enrichment, housing, behavior social management - handling is kept to a minimum and appropriate techniques are in place at facility or protocol level (Guide, p 84)

Comments	
Inspector:	(مستعد) فتستار جنسا
Status:	Compliant

enrichment, housing, behavior social management - nets are cleaned, disinfected and managed to avoid contamination of systems (Guide, p 84)

Comments:				
Inspector:		ĺ	15	
Status:	Compliant			

Environmental Enrichment, Social Housing, Behavioral and Social Management-Other

Comments:	
Inspector:	
Status:	Compliant

Food*

food - storage to prevent contamination, preserve nutrients and prevent pests (Guide, p 84)

Comments:	
Inspector:	
Status:	Compliant

food - delivery ensures access to all, minimizing aggression and nutrient loss (Guide, p 84)



food - storage times are based on manufacturer recommendations or accepted practice (Guide, p 84)



food - a nutritionally complete diet is provided (Guide, p 84)

Comments	
Inspector:	
Status:	Compliant

Food-Other



Substrate*

amount, type and presentation of substrate is appropriate for the system and the species (Guide, p 85)



Substrate-Other

Comments	
Inspector:	Enila Eini (êni
Status:	Compliant

Sanitation, Cleaning and Disinfection*

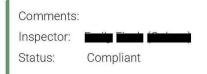
sanitation - frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring (Guide, p 86)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 86)



Sanitation, Cleaning and Disinfection-Other

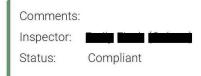


Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	
Inspector:	jenia jimb (ĉeten)
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]



waste - animal carcasses (Guide, pp 73-74)

Comments:			
Inspector:	فعنا بنعا	(ì
Status:	Compliant		

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments:	
Inspector:	أستم التصل
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)



Waste Disposal-Other



Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	
Inspector:	
Status:	Compliant

documented program including control of pests and insecticide use (Guide, p 74)

Comments	:
Inspector:	أحسنها شعتا جنصا
Status:	Compliant

Pest Control-Other



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, pp 74, 87)

Comments	
Inspector:	(مساعة (أسات
Status:	Compliant

care - provision for accessible contact information (Guide, pp 74, 87)

Comments:	
Inspector:	
Status:	Compliant

care - emergency response plans in place to address major system failures (Guide, 87)



veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

:
inia interio (interio
Compliant

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

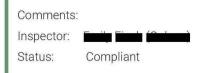


Emergency, Weekend, and Holiday Animal Care-Other



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)



identification - genotype information included and standardized nomenclature used when applicable (Guide, pp 75, 87)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

Comments:	
Inspector:	أحصفها فحظا وتنصا
Status:	Compliant

Identification-Other

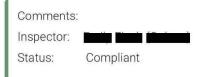
Comments	
Inspector:	
Status:	Compliant

Recordkeeping*

records - water quality parameters and frequency of testing recorded (Guide, p 88)

Comments:	
Inspector:	
Status:	Compliant

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records accessible and contain appropriate information (Guide, pp 75-76)



records are provided when animals are transferred between institutions (Guide, p 75)



Recordkeeping-Other



Storage*

storage - adequate space for equipment, supplies, food, substrate and refuse (Guide, p 141)

Comments		
Inspector:	Testin Rissia	
Status:	Compliant	

storage - substrate protected from contamination (Guide, p 141)

Comments:				
Inspector:	Finit	Í	30	Ň
Status:	Compliant			

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)

Comments	:
Inspector:	أحصنمتن فسنا جنسا
Status:	Compliant

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Storage-Other



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

Comments	:
Inspector:	
Status:	Compliant

Personnel-Other

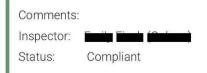
Comments	
Inspector:	مستحقية بتحصار بيتحصار
Status:	Compliant

Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)



aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments:		
Inspector:	in in the fi	
Status:	Compliant	

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

Comments:			
Inspector:		Í	Ì
Status:	Compliant		

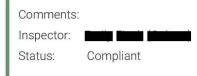
aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:	
Inspector:	
Status:	Compliant

aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



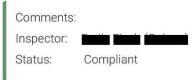
aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operating room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



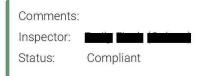
aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)

Comments		
Inspector:		
Status:	Compliant	

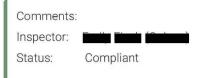
aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery -operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



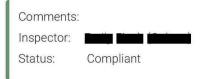
aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments:		
Inspector:	Early Eisek (2	i - S
Status:	Compliant	

aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



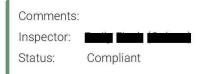
aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



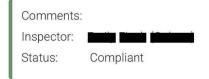
aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments:				
Inspector:		ſ	a.	Ì
Status:	Compliant			

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Aseptic Surgery-Other

Comments	
Inspector:	
Status:	Compliant

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	:
Inspector:	
Status:	Compliant

survival surgery - records of peri-operative care (Guide, p 120)

Comments:				
Inspector:	فسنا بإنسا	(T.)
Status:	Compliant			

survival surgery - aseptic procedures (Guide, pp 118-119)

Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145)

Comments:				
Inspector:	فسنا يزنسا	(1	Ì
Status:	Compliant			

survival surgery - storage of autoclaved materials (Guide, p 145)

Comments:		
Inspector:	أنعنا برتصا	
Status:	Compliant	

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	
Inspector:	
Status:	Compliant

Survival Surgery-Other

Comments:	
Inspector:	أحسنها فحنا بنصا
Status:	Compliant

Imaging/Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)



imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments		
Inspector:	Eni ji E	Ì
Status:	N/A	

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments:				
Inspector:			1)
Status:	N/A			

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

Comments		
Inspector:		
Status:	N/A	

imaging console is located away from radiation source (Guide, p 147)

Comments		
Inspector:		
Status:	N/A	

Imaging/Whole Body Irradiation-Other

Comments			
Inspector:	يت يند	i (ĉ	Ì
Status:	N/A		

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments:	
Inspector:	E
Status:	Compliant

Hazardous Agent Containment-Other



Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Comments	
Inspector:	(مستعد) فسنة بنسبة
Status:	Compliant

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	:
Inspector:	
Status:	Compliant

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

(مسلم الأسنا برانسا
Compliant

behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)



Behavioral Studies-Other

Comments:	
Inspector:	
Status:	Compliant



Inspection Date Mar 12, 2019

Report Sent Date Nov 19, 2019

Notes

Done

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments			
Inspector:	linin lini	ĺ	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments:	
Inspector:	
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

Comments	
Inspector:	
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments		
Inspector:	ثأر السنا بتسا	Ŧ
Status:	Compliant	

construction - animal room doors (Guide, p 137)

Comments	:
Inspector:	
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	(مسلمة) بلسنة بإنسة
Status:	Compliant

construction - floors (Guide, p 137)

Comments	:
Inspector:	Entry Einstein (Ontrop)
Status:	Compliant

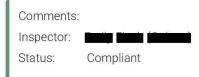
construction - drainage (Guide, p 138)



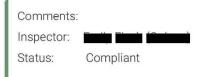
construction - walls and ceilings (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, p 139)



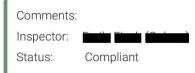
construction - power and lighting (Guide, p 141)



construction - noise control (Guide, p 142)

Comments	
Inspector:	أحصنه فعنا وتصل
Status:	Compliant

construction - vibration control (Guide, p 142)



construction - environmental monitoring (Guide, p 143)

Comments:	
Inspector:	Finite (Anton)
Status:	Compliant

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments	
Inspector:	
Status:	Compliant

room cage ventilation and air quality (Guide, p 45)

Comments:	
Inspector:	أستنب أنسنا جنسا
Status:	Compliant

room cage - illumination (Guide, p 47)

Comments	:
Inspector:	أستمثر بنصلا جنما
Status:	Compliant

room cage - noise and vibration (Guide, p 49)

Comments	:
Inspector:	Entire Entire (Entire)
Status:	Compliant

Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments	
Inspector:	Entry Eine (Colory)
Status:	Compliant

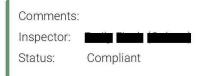
primary enclosure - secure environment provided (Guide, p 51)

Comments:	
Inspector:	ز من من السلم الا لسم
Status:	Compliant

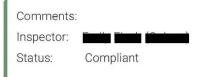
primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)

Comments		
Inspector:		
Status:	Compliant	

primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



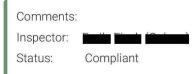
primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



primary enclosure - objective assessments of housing and management are made (Guide, p 52)

Comments:		
Inspector:	ينصلا وتصل	
Status:	Compliant	

primary enclosure - procedures for routine husbandry are documented (Guide, p 52)



primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

International	
Compliant	
	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments	
Inspector:	أحصنها فحط وتصر
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)

Comments:	
Inspector:	ini ini (înim)
Status:	Compliant

Sanitation*

sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments:	
Inspector:	Entire Ethnia (Christian
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

Comments		
Inspector:	Finite Finite (f	
Status:	Compliant	

Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

Comments:	
Inspector:	
Status:	Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments	
Inspector:	
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

Comments: Drug expired see photo
Inspector:
Location: (I
Status: Not Compliant
Resolution:
Resolved
Resolved on May 7, 2019 Updated by Farin Finds (Science) on Nov 19, 2019
Incident Attachments:
Images:
Comments: Expired bleach
Inspector:
Inspector: Finite Finite (Colored)
Inspector: Early Finds (Color) Location: (Color)
Inspector: Finite Finite (finite) Location: (finite) Status: Not Compliant Resolution: Resolved
Inspector: Finite Finite (finites) Location: Marcola (finites) Status: Not Compliant Resolution:
Inspector: Finite Finite (finite mathematical) Location: Mot Compliant Resolution: Resolved Resolved on May 7, 2019
Inspector: Finite Finite (finite) Location: Mot Compliant Resolution: Resolved Resolved on May 7, 2019 Updated by Finite Finite (finite) on Nov 19, 2019

sharps disposal (Guide, p 74)

Comments	
Inspector:	
Status:	Compliant

anesthetic monitoring (Guide, p 120)

Comments				
Inspector:	شمنا بتسا	(C	7970	Ì
Status:	Compliant			

scavenging of anesthetic gases (Guide, p 21)

Comments:			
Inspector:		Í	Ì
Status:	Compliant		

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)

Comments		
Inspector:		
Status:	Compliant	

carcass disposal (Guide, pp 73-74)

Comments:	
Inspector:	Finite Finite (Anton)
Status:	Compliant

animal welfare signage (AAALAC Site Visit 2013)

Comments:	
Inspector:	Internet press
Status:	Compliant

Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments	
Inspector:	
Status:	Compliant

novelty of enrichment is considered (Guide, p 53)



species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments:	
Inspector:	
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments:				
Inspector:		É	1	Ì
Status:	Compliant			

enrichment, behavior social management - stability of pairs or groups is monitored for incompatibility (Guide, p 64)



enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)

Comments	
Inspector:	
Status:	Compliant

additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)

Comments:	
Inspector:	
Status:	Compliant

habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments:		
Inspector:		
Status:	Compliant	

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]

Comments:	
Inspector:	Facily Finds (Color)
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments:	
Inspector:	Forth Firsh (Artis
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)

Comments	
Inspector:	أحصادهم فاحدار
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments	
Inspector:	مستعمل وتحصل
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - social compatibility (Guide, p 55)

Comments:	
Inspector:	أستعقر شعتا وتسا
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)



sheltered or outdoor housing - appropriate security (Guide, p 55)

Comments	:
Inspector:	linia lini (îni
Status:	N/A
Due Date:	Dec 19, 2019

Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)

Comments	
Inspector:	أحصنها بنصل وتصل
Status:	N/A
Due Date:	Dec 19, 2019

naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)

Comments:	
Inspector:	أستعلق فستا وتست
Status:	N/A
Due Date:	Dec 19, 2019

Food*

food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)

Comments:		
Inspector:	أشطا بتصا	
Status:	Compliant	

food - contamination prevention (Guide, p 65)

Comments	
Inspector:	
Status:	Compliant

food - vendor quality control (Guide, p 66)

Comments	:
Inspector:	Entry First (C. (
Status:	Compliant

food - storage in sealed containers (Guide, p 66)

	Comments	:	
Inspector:	Inspector:	jenia jimia (Antonia	
Status: Compliant	Status:	Compliant	

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit

2013)

Comments:				
Inspector:	شعنا بنسا	Í	1	Ì
Status:	Compliant			

food - vermin control (Guide, p 66)

Comments	
Inspector:	مستعينة بتست
Status:	Compliant

food - rotation of stocks (Guide, p 66)

Comments	
Inspector:	Forth Firsh (Anton)
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

Comments	
Inspector:	ز من من السلام (<mark>السلام</mark>
Status:	Compliant

water - QC procedures (Guide, pp 67-68)

Comments		
Inspector:	أسقل باستا وتنسل	Ì
Status:	Compliant	

Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)

Comments	;
Inspector:	(أعداد) المدار
Status:	Compliant

bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments		
Inspector:		
Status:	Compliant	

bedding nesting - QC procedures (Guide, pp 68-69)

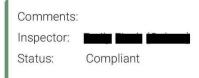
Comments:	
Inspector:	
Status:	Compliant

bedding nesting - minimizes scientific variables (Guide, pp 68-69)



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)



hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments:	
Inspector:	Ì
Status: Compliant	

waste - animal carcasses (Guide, pp 73-74)

Comments:		
Inspector:		
Status:	Compliant	

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:	
Inspector:	أستعقش فسنا وتسا
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)



documented program including control of rodent pests and insecticide use (Guide, p 74)

Comments	
Inspector:	ini, ini (ini)
Status:	Compliant

Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	مستعير وتستع
Status:	Compliant

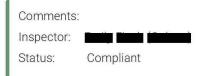
care - provision for accessible contact information (Guide, p 74)

Comments:	
Inspector:	مستحقية فنصنت بينتصل
Status:	Compliant

care - monitoring of backup systems (Guide, p 143)

Comments	
Inspector:	
Status:	Compliant

care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]



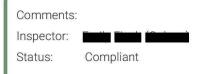
care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



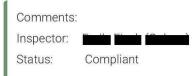
Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, emergency contact, IACUC protocol number, date of birth and of weaning)

identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

Comments	
Inspector:	أسفا بنسا
Status:	Compliant

Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)

Comments:		
Inspector:		íî i
Status:	Compliant	

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)

Comments				
Inspector:	Territ Pierri	(î	æ	ì
Status:	Compliant			

records are provided when animals are transferred between institutions (Guide, p 75)



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)



breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)

Comments:	
Inspector:	linia linia (ĉeta
Status:	Compliant

Aseptic Surgery*

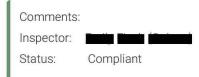
aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments:	
Inspector:	(مساحق) باستا بإنسا
Status:	Compliant

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)



aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

Comments:	
Inspector:	مستحقز يتستا وتنصل
Status:	Compliant

aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:	
Inspector:	
Status:	Compliant

aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)

Comments	
Inspector:	أسنعة أنصار
Status:	Compliant

aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)

Comments	
Inspector:	En ile Eine (Contract)
Status:	Compliant

aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)

Comments:		
Inspector:	Finite Finite (Anti-	Ì
Status:	Compliant	

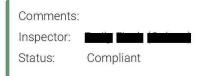
aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments:		
Inspector:		
Status:	Compliant	

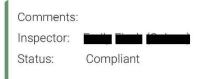
aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments	
Inspector:	
Status:	Compliant

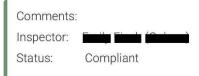
aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



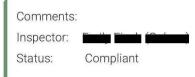
aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments:	
Inspector:	
Status:	Compliant

survival surgery - records of peri-operative care (Guide, p 120)

Comments:	
Inspector:	
Status:	Compliant

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments	
Inspector:	Eini Eini (Color
Status:	Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145



survival surgery - storage of autoclaved materials (Guide, p 145)

Comments	:
Inspector:	فسنعتب بنصنا جنسا
Status:	Compliant
Status:	Compliant

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)



Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	
Inspector:	
Status:	Compliant

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments	
Inspector:	
Status:	Compliant

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]



imaging console is located away from radiation source (Guide, p 147)



Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

ini ini ini ini i
N/A
Dec 19, 2019

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	
Inspector:	أحصادها فحداد وانصا
Status:	N/A
Due Date:	Dec 19, 2019

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

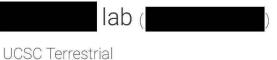


behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments	
Inspector:	Facily Finals (Color)
Status:	N/A
Due Date:	Dec 19, 2019



Managers , Inspection Contributors Tatus Status Done

Inspection Date Sep 10, 2019

Report Sent Date Nov 24, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments:			
Inspector:	Timit IImi	ĺ	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments:	
Inspector:	أنست ونست
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

Comments	
Inspector:	inia inali (inian)
Status:	Compliant

Location-Other

Comments	:
Inspector:	(مستحق) فتصلح وتحط
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments:	
Inspector:	
Status:	Compliant

construction - animal room doors (Guide, p 137)

Comments		
Inspector:	منعق) عندتا برنندا)
Status:	Compliant	

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	Entry Etch (Anton)
Status:	Compliant

construction - floors (Guide, p 137)



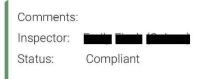
construction - drainage (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - walls and ceilings (Guide, p 138)

Comments:	
Inspector:	
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, p 139)



construction - power and lighting (Guide, p 141)

Comments:		
Inspector:		
Status:	Compliant	

construction - noise control (Guide, p 142)



construction - vibration control (Guide, p 142)

Comments:	
Inspector:	Entry Each (Colory)
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	:
Inspector:	فسنعتبث بنسنا جنسا
Status:	Compliant

Construction-Other

Comments:		
Inspector:	ينصنا بننط	Ì
Status:	Compliant	

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments:		
Inspector:		
Status:	Compliant	

room cage ventilation and air quality (Guide, p 45)



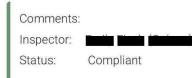
room cage - illumination (Guide, p 47)



room cage - noise and vibration (Guide, p 49)



Room/Cage-Other

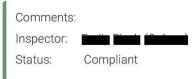


Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments:		
Inspector:	يتعنا بتنعا	
Status:	Compliant	

primary enclosure - secure environment provided (Guide, p 51)



primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)



primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



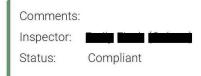
primary enclosure - objective assessments of housing and management are made (Guide, p 52)



primary enclosure - procedures for routine husbandry are documented (Guide, p 52)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

Comments:	
Inspector:	(مستحق) فسنا جنسا
Status:	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments	
Inspector:	(مساعد) فسنا والسر
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)

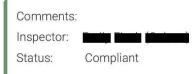


Primary Enclosure-Other

Comments: an	- Overcrowded cages
Inspector:	
Location: Vivari	um (Sciences)
Status: Not Co	mpliant
Resolution:	
Resolved Resolved on Oct 15 Updated by	i, 2019 (Colomi) on Nov 24, 2019
Incident Attachmen	ts:
Images:	

Sanitation*

sanitation - frequency of bedding/substrate change (Guide, p 70)



sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

	Comments	
	Inspector:	
	Status:	Compliant
Į		

Sanitation-Other

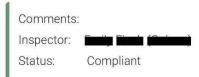
Comments	:
Inspector:	أستقل شمار بتسا
Status:	Compliant

Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)



storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)

Comments	
Inspector:	أحصنه أأصنا بأصلع
Status:	Compliant

refuse storage is separate (Guide, p 141)

Comments:	
Inspector:	أحصادها فعناد والصر
Status:	Compliant

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)

Comments		
Inspector:		Ì
Status:	Compliant	

Storage-Other

Comments	:
Inspector:	أستنقأ فحنا بتست
Status:	Compliant

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:	
Inspector:	(مسند) فسنا بنده
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

	Comments: - In refrigerator expired drugs, drugs not properly labeled
	Inspector: Finite Finite (Parlam)
	Location: Vivarium (Sciences)
	Status: Not Compliant
	Resolution:
	Resolved
	Resolved on Oct 15, 2019
	Updated by Easing Einste (Basing) on Nov 24, 2019
	Incident Attachments:
	Images:
1	

sharps disposal (Guide, p 74)

Comments	
Inspector:	Finite Finite (Annual)
Status:	Compliant

anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	أستغاز بنصا بنسا
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)

Comments:				
Inspector:		(î	x.	
Status:	Compliant			

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)

Comments:		
Inspector:		
Status:	Compliant	

carcass disposal (Guide, pp 73-74)

Comments:	
Inspector:	Early Einste (Anton)
Status:	Compliant

animal welfare signage (AAALAC Site Visit 2013)

Comments	:
Inspector:	سنعتز فسنا بإنسا
Status:	Compliant

General Considerations-Other

Comments:	- Expired bleach (12-1-17)
Inspector:	
Location:	Vivarium (Sciences)
Status: N	lot Compliant
Resolution:	
Resolved Resolved or Updated by) Oct 15, 2019
Incident Attac	hments:
Images:	

Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments	
Inspector:	(مسندة) السنة (أسنع)
Status:	Compliant

novelty of enrichment is considered (Guide, p 53)

Comments	1
Inspector:	Emily Einste (Colom)
Status:	Compliant

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments:	
Inspector:	ز من
Status:	Compliant
	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for incompatibility (Guide, p 64)



enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



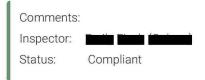
enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)



habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments	
Inspector:	
Status:	Compliant

Environment Enrichment, Behavioral and Social Management-Other



Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]



sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments	
Inspector:	(مستعد) فستا برنسا
Status:	Compliant

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)

Comments:	
Inspector:	(مستعد) وتستار وتست
Status:	Compliant

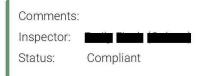
sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments:	
Inspector:	Emily Rivel (Anima)
Status:	Compliant

sheltered or outdoor housing - social compatibility (Guide, p 55)

Comments	
Inspector:	Entra Etable (Retario)
Status:	Compliant

sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)



sheltered or outdoor housing - appropriate security (Guide, p 55)

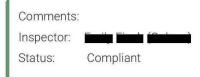
Comments:				
Inspector:		(î	210	ì
Status:	Compliant			

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)-Other

Comments:	
Inspector:	أستعث شمتا بتست
Status:	Compliant

Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)



naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)



Naturalistic Environments-Other

Comments	:
Inspector:	
Status:	Compliant

Food*

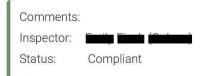
food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)



food - contamination prevention (Guide, p 65)



food - vendor quality control (Guide, p 66)



food - storage in sealed containers (Guide, p 66)

Comments	:
Inspector:	Early Eissle (Caland)
Status:	Compliant

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)



food - vermin control (Guide, p 66)

Comments:		
Inspector:	inia int	
Status:	Compliant	

food - rotation of stocks (Guide, p 66)

Comments	
Inspector:	(مسنع النصنا النصا
Status:	Compliant

Food-Other

Comments: - In refrigerator expired feed
Inspector:
Location: Vivarium (Sciences)
Status: Not Compliant
Resolution:
Resolved on Oct 15, 2019 Updated by Easting States on Nov 24, 2019
Incident Attachments:
Images:

Water*

water - ad libitum unless justified (Guide, pp 67-68)



water - QC procedures (Guide, pp 67-68)

Comments:		
Inspector:	inia iinia	Ì
Status:	Compliant	

Water-Other

Comments:	
Inspector:	أستنقل شطا بتسا
Status:	Compliant

Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)

Comments	
Inspector:	
Status:	Compliant

bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments	
Inspector:	أسنايا أأساد (أساع)
Status:	Compliant

bedding nesting - QC procedures (Guide, pp 68-69)

Comments	
Inspector:	Easting Eissels (Castana)
Status:	Compliant

bedding nesting - minimizes scientific variables (Guide, pp 68-69)



Bedding and Nesting Materials-Other

Comments	
Inspector:	inia inak (întar)
Status:	Compliant

Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)



hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]



waste - animal carcasses (Guide, pp 73-74)

Comments	;
Inspector:	المنابعة الإنسا
Status:	Compliant

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments:	
Inspector:	Entity Einste (Contract)
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)



Waste Disposal-Other

Comments	
Inspector:	ini ini ini
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)



documented program including control of rodent pests and insecticide use (Guide, p 74)



Pest Control-Other



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments:	
Inspector:	Revie Rissis (Review
Status:	Compliant

care - provision for accessible contact information (Guide, p 74)

أحتا بأند	
Compliant	

care - monitoring of backup systems (Guide, p 143)

Comments		
Inspector:	in in finit (finit	X
Status:	Compliant	

care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]



care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Emergency, Weekend, and Holiday Animal Care-Other

Comments:		
Inspector:		Ì
Status:	Compliant	

Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)

PAGE:	000642

Comments:and Cage cards have missing and outdated info; each cage needs its own card
Inspector: Finite Finite (Finite)
Location: Vivarium (Constant Sciences)
Status: Not Compliant
Resolution:
Resolved Resolved on Oct 15, 2019 Updated by Finite Finite (Resolver) on Nov 24, 2019
Incident Attachments:
Images:

identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)

Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

<u>از المحتم الإنسا</u>	
Compliant	
	Compliant

Identification-Other

Comments	
Inspector:	أحصابها أخطا
Status:	Compliant

Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

Comments:		
Inspector:	ini ini	
Status:	Compliant	

Personnel-Other

Comments	
Inspector:	Entin Einin (ênt
Status:	Compliant

Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)

Comments:	
Inspector:	
Status:	Compliant

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records are provided when animals are transferred between institutions (Guide, p 75)



Recordkeeping-Other



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)

Comments:		
Inspector:		Ì
Status:	Compliant	

breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)

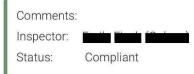
Comments:				
Inspector:	Finit Finit	(î	T.	Ì
Status:	Compliant			

Breeding Genetics and Nomenclature-Other



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



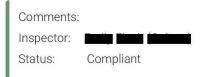
aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments:	
Inspector:	(مصنعة (مصنعة الأسما
Status:	Compliant

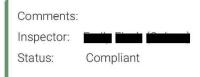
aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



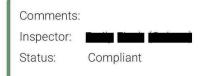
aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)

Comments:		
Inspector:		Ì
Status:	Compliant	

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



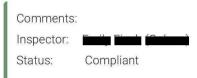
aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



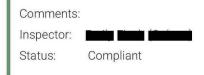
aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments:			
Inspector:		a.	Ì
Status:	Compliant		

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Aseptic Surgery-Other



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)



survival surgery - records of peri-operative care (Guide, p 120)

Comments:	
Inspector:	أحصادهم وأعدار
Status:	Compliant

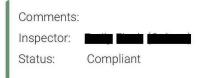
survival surgery - aseptic procedures (Guide, pp 118-119)

Comments:		
Inspector:	شعنا بتعا	
Status:	Compliant	

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145

Comments	
Inspector:	
Status:	Compliant

survival surgery - storage of autoclaved materials (Guide, p 145)



survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	1 1
Inspector:	أحصنها بنصلا بنسا
Status:	Compliant

Survival Surgery-Other

Comments	
Inspector:	Entry Finds (Refere)
Status:	Compliant

Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	
Inspector:	
Status:	Compliant

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)



imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments	
Inspector:	jenia jimb (ĉeten)
Status:	Compliant

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]



imaging console is located away from radiation source (Guide, p 147)

Comments:		
Inspector:	أستا وتسا)
Status:	Compliant	

Imaging / Whole Body Irradiation-Other

Comments:		
Inspector:		
Status:	Compliant	

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Hazardous Agent Containment-Other

Comments	
Inspector:	أحصنه أأصنا وانصر
Status:	Compliant

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Comments				
Inspector:	<u>المار</u>		a l)
Status:	N/A			

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	:
Inspector:	أستعقر ينصلا ينصل
Status:	N/A

behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

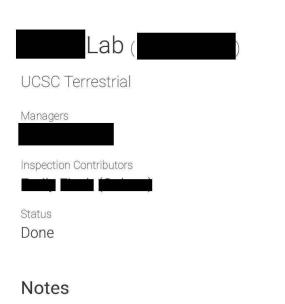


behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)



Behavioral Studies-Other





Inspection Date Mar 12, 2019

Report Sent Date Nov 19, 2019

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments				
Inspector:	linin lini	ĺ	T	Ì
Status:	Compliant			

location - separation of species (Guide, p 111)

Comments:	
Inspector:	Entir Einit (A. 1
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

Comments	
Inspector:	
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments		
Inspector:	ثأر السنا بتسا	Ŧ
Status:	Compliant	

construction - animal room doors (Guide, p 137)

Comments	:
Inspector:	
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	(مسلمة) بلسنة بإنسة
Status:	Compliant

construction - floors (Guide, p 137)

Comments	:
Inspector:	Entry Einstein (Ontrop)
Status:	Compliant

construction - drainage (Guide, p 138)



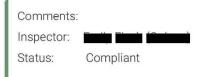
construction - walls and ceilings (Guide, p 138)

Comments	
Inspector:	أسنا السنا
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, p 139)

Comments	
Inspector:	(مستقر فسنا بنسم
Status:	Compliant

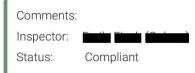
construction - power and lighting (Guide, p 141)



construction - noise control (Guide, p 142)

Comments	
Inspector:	أحصنه فعنا وتصل
Status:	Compliant

construction - vibration control (Guide, p 142)



construction - environmental monitoring (Guide, p 143)



Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments	
Inspector:	
Status:	Compliant

room cage ventilation and air quality (Guide, p 45)

Comments:	
Inspector:	أستنب أنسنا جنسا
Status:	Compliant

room cage - illumination (Guide, p 47)

Comments:			
Inspector:		(î l)
Status:	Compliant		

room cage - noise and vibration (Guide, p 49)

Comments				
Inspector:	فعنا بتصا	í	¥	Ì
Status:	Compliant			

Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments	
Inspector:	facily finals (finals)
Status:	Compliant

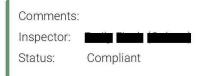
primary enclosure - secure environment provided (Guide, p 51)

Comments	
Inspector:	ز من من السلم الا لسم
Status:	Compliant

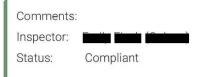
primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



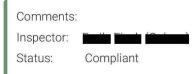
primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



primary enclosure - objective assessments of housing and management are made (Guide, p 52)

Comments:		
Inspector:	ينصلا وتصل	
Status:	Compliant	

primary enclosure - procedures for routine husbandry are documented (Guide, p 52)



primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

Comments:	
Inspector:	Imia limia (inima)
Status:	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments	
Inspector:	أحصنها فحط وتصر
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)

Comments:		
Inspector:		1
Status:	Compliant	

Sanitation*

sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments	
Inspector:	Entin Einin (ênt
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

Comments	
Inspector:	(مساحد) المستا الإنسا
Status:	Compliant

Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

Comments:	
Inspector:	
Status:	Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:	
Inspector:	
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

Comments:	Empty expired	drug
Inspector:	وتعار بتعار وتصا	Ì
Location:	Vivarium (Sciences)
Status:	Corrected on Site	
Incident Atta	achments:	
Images:		

sharps disposal (Guide, p 74)

Comments:	
Inspector:	
Status:	Compliant

anesthetic monitoring (Guide, p 120)



scavenging of anesthetic gases (Guide, p 21)



safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)

Comments	
Inspector:	
Status:	Compliant

carcass disposal (Guide, pp 73-74)

Comments:	
Inspector:	(مسنما) فسنا جنسار
Status:	Compliant

animal welfare signage (AAALAC Site Visit 2013)

Comments:				
Inspector:		(1)
Status:	Compliant			

Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)



novelty of enrichment is considered (Guide, p 53)

Comments:			
Inspector:	Fini Fini	1	Ì
Status:	Compliant		

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments:	
Inspector:	أستعقر فستا وتست
Status:	Compliant
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for incompatibility (Guide, p 64)



enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



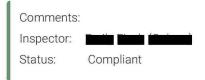
enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)



habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments	
Inspector:	
Status:	Compliant

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]

صندقز بنصنا جتد
J/A
ec 19, 2019

sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments	:
Inspector:	Easily Eissia (Calass)
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)



sheltered or outdoor housing - animal acclimation (Guide, p 55)



sheltered or outdoor housing - social compatibility (Guide, p 55)

Comments	
Inspector:	أسنعة أنصا
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)

Comments	:
Inspector:	أحصتمت أأحط وتصل
Status:	N/A
Due Date:	Dec 19, 2019

sheltered or outdoor housing - appropriate security (Guide, p 55)

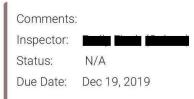
Comments	
Inspector:	Entia Etak (Anton)
Status:	N/A
Due Date:	Dec 19, 2019

Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)



naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)



Food*

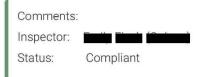
food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)

Comments	
Inspector:	
Status:	Compliant

food - contamination prevention (Guide, p 65)

Comments	
Inspector:	زيرين والمراجع
Status:	Compliant

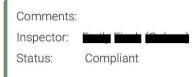
food - vendor quality control (Guide, p 66)



food - storage in sealed containers (Guide, p 66)



food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)



food - vermin control (Guide, p 66)



food - rotation of stocks (Guide, p 66)

Comments	
Inspector:	
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)



water - QC procedures (Guide, pp 67-68)



Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)



bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments		
Inspector:	منعقز فحظ وتنصل	
Status:	Compliant	

bedding nesting - QC procedures (Guide, pp 68-69)

:
أنست ونست
Compliant

bedding nesting - minimizes scientific variables (Guide, pp 68-69)

Finite Finite (Color)
Compliant

Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments:	Carbon co	ntainer needs start d	ate and
Inspector:	شت بتعا		
Location:	Vivarium (Sciences)	
Status:	Not Compliant		
Resolution:			
Resolved Resolved o Updated by	on May 2, 2019 / 🏧 🖬 🏧 🏠	on Nov 19, 2019	
Incident Atta	chments:		
Images:			
Res a			

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

weight



waste - animal carcasses (Guide, pp 73-74)



waste - procedures for storage and disposal (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:	
Inspector:	أستعقش فسنا وتسا
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)



documented program including control of rodent pests and insecticide use (Guide, p 74)



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	مستعير وتستع
Status:	Compliant

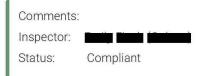
care - provision for accessible contact information (Guide, p 74)

Comments:	
Inspector:	مستحقية فنصنت بينتصل
Status:	Compliant

care - monitoring of backup systems (Guide, p 143)

Comments	
Inspector:	
Status:	Compliant

care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]



care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, emergency contact, IACUC protocol number, date of birth and of weaning)

Comments:	Protocol number on cage card out of date
Inspector:	(مستعلق) فسنتا بزنسا
Location:	Vivarium (Sciences)
Status:	Not Compliant
Resolution:	
Resolved Resolved o Updated by	n May 2, 2019
Incident Attac	chments:
Images:	

identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)

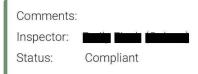
Comments	
Inspector:	
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)



Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)

Comments	
Inspector:	
Status:	Compliant

records are provided when animals are transferred between institutions (Guide, p 75)



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)



breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)



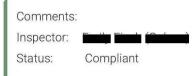
aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



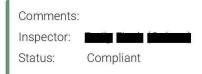
aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)

Comments	
Inspector:	inia ina (înia)
Status:	Compliant

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments:			
Inspector:		6	·)
Status:	Compliant		

aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments		
Inspector:	أحقار وتصار	ì
Status:	Compliant	

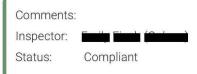
aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)



survival surgery - records of peri-operative care (Guide, p 120)

ini ini ini (îni îni îni
Compliant

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments	
Inspector:	المناجعة وتنصل
Status:	Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145

Comments		
Inspector:		
Status:	Compliant	

survival surgery - storage of autoclaved materials (Guide, p 145)

Comments	:
Inspector:	أحصنها فصنا بانصا
Status:	Compliant

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	
Inspector:	أحصنها فصنا بتنعا
Status:	Compliant

Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	
Inspector:	(مساعق) فسنة بإنسة
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments	
Inspector:	أستقرأ شطا وتسا
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments:	
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

Comments:	
Inspector:	Enile Einele (Antonia
Status:	N/A
Due Date:	Dec 19, 2019

imaging console is located away from radiation source (Guide, p 147)

(مسلمة) شمتا ولنسا
N/A
Dec 19, 2019

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

(مستحقة) بنصنا جنسا
N/A
Dec 19, 2019

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Comments:	
Inspector:	
Status:	Compliant

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	;	
Inspector:	in the second)
Status:	Compliant	

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

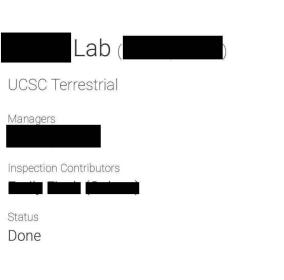
Comments	
Inspector:	أحصنها السنا بانصا
Status:	Compliant

behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)





Inspection Date Sep 10, 2019

Report Sent Date Nov 24, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments:			
Inspector:	Notice Provide	Í	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments	:
Inspector:	فالمتعاد وتحط
Status:	Compliant

location - separation by disease status (Guide, p 111)

Ì



location - security and access control (Guide, p 151)

	Comments:
	Inspector: Easing Final (Caland)
	Status: Compliant
Į	

Location-Other

Comments	:
Inspector:	أستعاز بتصار
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments	:
Inspector:	
Status:	Compliant

construction - animal room doors (Guide, p 137)

Comments	
Inspector:	(مسنعة) فسنت برنسة
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	Entry Etch (Anton)
Status:	Compliant

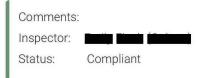
construction - floors (Guide, p 137)



construction - drainage (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - walls and ceilings (Guide, p 138)



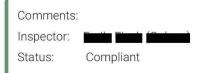
construction - heating ventilation and air conditioning (Guide, p 139)

Comments:				
Inspector:		(1	Ì
Status:	Compliant			

construction - power and lighting (Guide, p 141)

Comments:		
Inspector:	Early Eisek (2	i - S
Status:	Compliant	

construction - noise control (Guide, p 142)



construction - vibration control (Guide, p 142)

Comments:	
Inspector:	Entry Etch (Color)
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	
Inspector:	أستنقل انصنا جنسا
Status:	Compliant

Construction-Other

Comments:		
Inspector:	ينصنا ونسا	
Status:	Compliant	

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments:		
Inspector:		
Status:	Compliant	

room cage ventilation and air quality (Guide, p 45)



room cage - illumination (Guide, p 47)



room cage - noise and vibration (Guide, p 49)



Room/Cage-Other

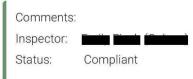


Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments:	
Inspector:	
Status:	Compliant

primary enclosure - secure environment provided (Guide, p 51)



primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)



primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



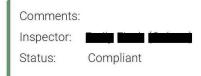
primary enclosure - objective assessments of housing and management are made (Guide, p 52)



primary enclosure - procedures for routine husbandry are documented (Guide, p 52)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

Comments:	
Inspector:	(مستحد) فستا بتنسا
Status:	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments:	
Inspector:	أحصادهم بالمتا والسرا
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)



Primary Enclosure-Other

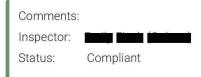


Sanitation*

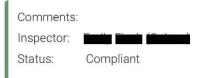
sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments	
Inspector:	
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

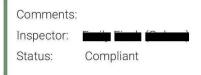
Comments	
Inspector:	المستعلم وتست
Status:	Compliant

Sanitation-Other



Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

ompliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)

Comments:			
Inspector:)
Status:	Compliant		

Storage-Other



General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:	
Inspector:	(مستعد) فستا إنسار
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

Comments	1
Inspector:	
Status:	Compliant

sharps disposal (Guide, p 74)

Comments:		
Inspector:	أستار بتسار	Ì
Status:	Compliant	

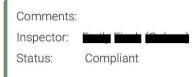
anesthetic monitoring (Guide, p 120)

Comments:			
Inspector:		(l)
Status:	Compliant		

scavenging of anesthetic gases (Guide, p 21)

Comments	:
Inspector:	Emily Einste (S. 1997)
Status:	Compliant

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)



animal welfare signage (AAALAC Site Visit 2013)

Comments	
Inspector:	Finit Finit (Anim)
Status:	Compliant

General Considerations-Other

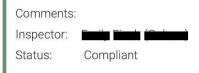
Comments:	Betadine bottle in cabinet with no expiration date
Inspector:	i in the second seco
Location: V	/ivarium (Sciences)
Status: No	ot Compliant
Resolution:	
Resolved Resolved on O Updated by	Det 23, 2019
Incident Attach	ments:
Images:	

Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments:		
Inspector:		Ş
Status:	Compliant	

novelty of enrichment is considered (Guide, p 53)



species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments	:	
Inspector:	inin iinin (iini	X
Status:	Compliant	

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)



enrichment, behavior social management - stability of pairs or groups is monitored for incompatibility (Guide, p 64)



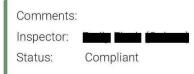
enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



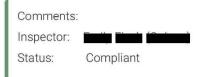
enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)

Comments	
Inspector:	
Status:	Compliant

habituation to routine procedures is part of enrichment program (Guide, p 64)



Environment Enrichment, Behavioral and Social Management-Other



Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]



sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments	:
Inspector:	Emily Einste (find
Status:	Compliant

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)



sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments		
Inspector:	in in Timb (Ant	
Status:	Compliant	

sheltered or outdoor housing - social compatibility (Guide, p 55)



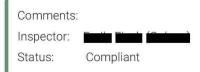
sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)

Comments:	
Inspector:	أسلمت باستا جنسا
Status:	Compliant

sheltered or outdoor housing - appropriate security (Guide, p 55)

Comments:	
Inspector:	
Status:	Compliant

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)-Other



Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)



naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)

	Comments	
	Inspector:	
	Status:	Compliant
I		

Naturalistic Environments-Other

Comments:		
Inspector:	ثأ شمنا جتما	
Status:	Compliant	

Food*

food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)



food - contamination prevention (Guide, p 65)



food - vendor quality control (Guide, p 66)

Comments:	
Inspector:	المناع المناعدة الأعدا
Status:	Compliant

food - storage in sealed containers (Guide, p 66)



food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)

Comments	
Inspector:	
Status:	Compliant

food - vermin control (Guide, p 66)

Comments				
Inspector:	يتصنا يتنصا	(670	Ì
Status:	Compliant			

food - rotation of stocks (Guide, p 66)

Comments				
Inspector:		(1	Ì
Status:	Compliant			

Food-Other

Comments	
Inspector:	(مستعلم بتسل
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

Comments	
Inspector:	
Status:	Compliant

water - QC procedures (Guide, pp 67-68)



Water-Other

Comments	
Inspector:	Finit Finit (Color)
Status:	Compliant

Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)



bedding nesting - keeps animals dry (Guide, pp 68-69)



bedding nesting - QC procedures (Guide, pp 68-69)

Comments				
Inspector:	i i i	(î	T.)
Status:	Compliant			

bedding nesting - minimizes scientific variables (Guide, pp 68-69)

Comments:	
Inspector:	Entry Einste (Antonia
Status:	Compliant

Bedding and Nesting Materials-Other

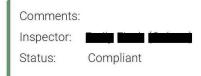


Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	
Inspector:	jenia jimb (ĉeten)
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]



waste - animal carcasses (Guide, pp 73-74)

Comments:			
Inspector:		(
Status:	Compliant		

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments:	
Inspector:	أستم التصل
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)



Waste Disposal-Other

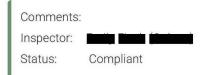


Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	
Inspector:	jenia jimb (ĉeten)
Status:	Compliant

documented program including control of rodent pests and insecticide use (Guide, p 74)



Pest Control-Other



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	iniy ind (adapt)
Status:	Compliant

care - provision for accessible contact information (Guide, p 74)

Comments:		
Inspector:	أسنا بتسا	
Status:	Compliant	

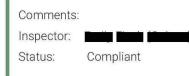
care - monitoring of backup systems (Guide, p 143)



care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

Compliant	

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

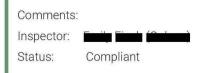


Emergency, Weekend, and Holiday Animal Care-Other



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)



identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)

Comments:	
Inspector:	مستحقير فلستة وتنصل
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

Comments	
Inspector:	أساعة أشتا
Status:	Compliant

Identification-Other

Comments:				
Inspector:	أسنا بثسا	6	1	Ì
Status:	Compliant			

Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

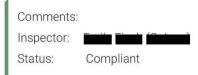
Comments	:
Inspector:	
Status:	Compliant

Personnel-Other

Comments:	
Inspector:	أستنقز بنصار بتسر
Status:	Compliant

Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records are provided when animals are transferred between institutions (Guide, p 75)

Comments		
Inspector:	Finite Finite (Antonio	
Status:	Compliant	

Recordkeeping-Other

Comments:	
Inspector:	أسنعت أنستا التسا
Status:	Compliant

Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)



breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)

Comments:			
Inspector:	فصنا برنصا	()
Status:	Compliant		

Breeding Genetics and Nomenclature-Other



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	ini ini ini
Status:	Compliant

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)



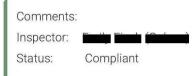
aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



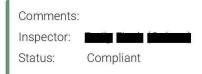
aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments:			
Inspector:		6	·)
Status:	Compliant		

aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments	:
Inspector:	Early First (Return)
Status:	Compliant

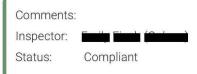
aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)

Comments:	
Inspector:	Entite Einth (Cont
Status:	Compliant

Aseptic Surgery-Other

Comments:		
Inspector:		
Status:	Compliant	

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	
Inspector:	(مسنعة) انصنا بانصا
Status:	Compliant

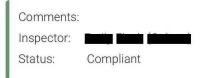
survival surgery - records of peri-operative care (Guide, p 120)

Comments:				
Inspector:	ينصل وتصل	ĺ	x	
Status:	Compliant			

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments	
Inspector:	
Status:	Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145



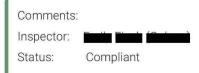
survival surgery - storage of autoclaved materials (Guide, p 145)



survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments:		
Inspector:	linia linia (
Status:	Compliant	

Survival Surgery-Other



Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)



imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments				
Inspector:		Í	T.	À
Status:	N/A			

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]



imaging console is located away from radiation source (Guide, p 147)



Imaging / Whole Body Irradiation-Other



Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments:	
Inspector:	
Status:	Compliant

Hazardous Agent Containment-Other

Comments:				
Inspector:	ينصنا بننطا	Í	аў. П	Ì
Status:	Compliant			

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)



behavioral - floor coverings reduce sound transmission (Guide, p 149)



behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

Comments			
Inspector:	۲	í Í)
Status:	N/A		

behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments		
Inspector:	Enily Eink (Col)
Status:	N/A	

Behavioral Studies-Other





Inspection Contributors

Status Done Inspection Date Sep 24, 2019

Report Sent Date Nov 24, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments			
Inspector:	linin lini	ĺ	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments	:
Inspector:	فالمتعاد وتحط
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

	Comments:	
	Inspector:	i (Andrew)
	Status: Compliar	t
Į		

Location-Other

Comments	:
Inspector:	أستعلي فحنا وتصا
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments:	
Inspector:	Entire Einele (Anti-
Status:	Compliant

construction - animal room doors (Guide, p 137)

Comments	;	
Inspector:	inita inita (inita)
Status:	Compliant	

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	
Status:	Compliant

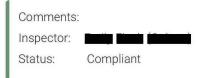
construction - floors (Guide, p 137)



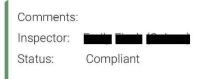
construction - drainage (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - walls and ceilings (Guide, p 138)



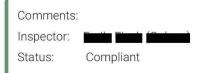
construction - heating ventilation and air conditioning (Guide, p 139)



construction - power and lighting (Guide, p 141)

Comments:		
Inspector:	Early Eisek (2	i - S
Status:	Compliant	

construction - noise control (Guide, p 142)



construction - vibration control (Guide, p 142)

Comments:	
Inspector:	Entry Each (Colory)
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	:
Inspector:	فسنعتبث بنسنا جنسا
Status:	Compliant

Construction-Other

Comments:		
Inspector:	ينصنا ونسا	
Status:	Compliant	

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments:		
Inspector:		
Status:	Compliant	

room cage ventilation and air quality (Guide, p 45)



room cage - illumination (Guide, p 47)



room cage - noise and vibration (Guide, p 49)



Room/Cage-Other

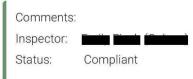


Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments:	
Inspector:	
Status:	Compliant

primary enclosure - secure environment provided (Guide, p 51)



primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)



primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



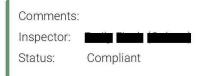
primary enclosure - objective assessments of housing and management are made (Guide, p 52)



primary enclosure - procedures for routine husbandry are documented (Guide, p 52)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

Comments:	
Inspector:	(مستمار) فستا التسا
Status:	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments:	
Inspector:	أحصادهم بالمتا والسرا
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)



Primary Enclosure-Other

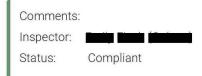


Sanitation*

sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments	
Inspector:	
Status:	Compliant

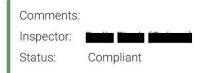
sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)

Comments: Pieces of cardboard under table leg. Folded cardboard containers touching the floor between a table and the wall.
Inspector:
Location: (Laboratories)
Status: Not Compliant
Resolution:
Resolved
Resolved on Oct 17, 2019
Updated by India India (Indiana) on Nov 24, 2019

sanitation - assessing effectiveness (Guide, p 73)



Sanitation-Other

Comments	
Inspector:	Eastin Eissin (Cartan
Status:	Compliant

Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)

Comments	
Inspector:	
Status:	Compliant

storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)



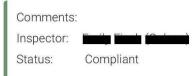
storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)

Comments:			
Inspector:		6	·)
Status:	Compliant		

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Storage-Other

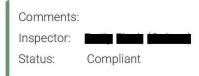


General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments		
Inspector:	in in finit (finit	X
Status:	Compliant	

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



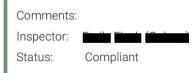
sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	أسنعة شتاج
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)



safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

Comments	:
Inspector:	ini ini (ini)
Status:	Compliant

animal welfare signage (AAALAC Site Visit 2013)

Comments:	
Inspector:	أستغيث شمتا وتسا
Status:	Compliant

General Considerations-Other

Comments:		
Inspector:	المناقبة المناقبة	Ì
Status:	Compliant	

Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)



novelty of enrichment is considered (Guide, p 53)

Comments:			
Inspector:	Fini Finit	1	Ì
Status:	Compliant		

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments:	
Inspector:	أستعقر فستا وتست
Status:	Compliant
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for incompatibility (Guide, p 64)



enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



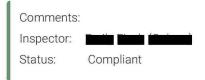
enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)



habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments	
Inspector:	
Status:	Compliant

Environment Enrichment, Behavioral and Social Management-Other



Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]



sheltered or outdoor housing - appropriate size (Guide, p 54)

Comments	
Inspector:	(مستعد) فستا برنسا
Status:	Compliant

sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)

Comments:	
Inspector:	(مستعد) وتستار وتست
Status:	Compliant

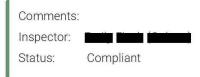
sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments:	
Inspector:	Emily Rivel (Anima)
Status:	Compliant

sheltered or outdoor housing - social compatibility (Guide, p 55)

Comments		
Inspector:		
Status:	Compliant	

sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)



sheltered or outdoor housing - appropriate security (Guide, p 55)

Comments:				
Inspector:		(î	210	ì
Status:	Compliant			

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)-Other

Comments:	
Inspector:	أستعقب فستا وتست
Status:	Compliant

Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)



naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)



Naturalistic Environments-Other

Comments	:
Inspector:	
Status:	Compliant

Food*

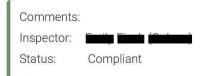
food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)



food - contamination prevention (Guide, p 65)



food - vendor quality control (Guide, p 66)



food - storage in sealed containers (Guide, p 66)

Comments	:
Inspector:	Early Eissle (Caland)
Status:	Compliant

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)



food - vermin control (Guide, p 66)

Comments:	
Inspector:	
Status:	Compliant

food - rotation of stocks (Guide, p 66)

Comments:				
Inspector:	يتحدثا بإنصار	Í	7970	
Status:	Compliant			

Food-Other

Comments	
Inspector:	منعة بتعا
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

Comments	
Inspector:	أسنعة بتعا
Status:	Compliant
otatao.	oompilant

water - QC procedures (Guide, pp 67-68)

Comments	:
Inspector:	Early Einste (Cartany)
Status:	Compliant

Water-Other



Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)

Comments	
Inspector:	ini ini ini
Status:	Compliant

bedding nesting - keeps animals dry (Guide, pp 68-69)

Comments:	
Inspector:	(مستقر أشقا بتنطر
Status:	Compliant

bedding nesting - QC procedures (Guide, pp 68-69)

Comments:			
Inspector:		(
Status:	Compliant		

bedding nesting - minimizes scientific variables (Guide, pp 68-69)

Comments:	
Inspector:	أسنع أشتا وتسا
Status:	Compliant

Bedding and Nesting Materials-Other



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)



hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments	
Inspector:	
Status:	Compliant

waste - animal carcasses (Guide, pp 73-74)

Comments:	
Inspector:	(مستعرفة) فستا بتنصر
Status:	Compliant

waste - procedures for storage and disposal (Guide, pp 73-74)

Comments:				
Inspector:		(1	Ì
Status:	Compliant			

waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:	
Inspector:	Finite Finite (Antonia
Status:	Compliant

Waste Disposal-Other



Pest Control*

pest control - regularly scheduled (Guide, p 74)



documented program including control of rodent pests and insecticide use (Guide, p 74)

	Comments			
	Inspector:		1	
l	Status:	Compliant		
ļ				

Pest Control-Other

Comments			
Inspector:	يتحت يتحد	(Contraction)	
Status:	Compliant		

Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	
Status:	Compliant

care - provision for accessible contact information (Guide, p 74)

Comments	;
Inspector:	Emily Finds (Ant
Status:	Compliant

care - monitoring of backup systems (Guide, p 143)

Comments	:
Inspector:	Easting Eissele (Castana)
Status:	Compliant

care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]



care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

Compliant	
	Compliant

Emergency, Weekend, and Holiday Animal Care-Other

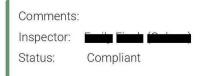


Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)



identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

Comments:	
Inspector:	Resile Rissie (Asian)
Status:	Compliant

Identification-Other



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)



Personnel-Other

Comments	- 1
Inspector:	المناجع التعاد
Status:	Compliant

Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)

Comments	
Inspector:	innin iinni (înin
Status:	Compliant

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records are provided when animals are transferred between institutions (Guide, p 75)

Teriy Kest	(î i
Compliant	

Recordkeeping-Other



Breeding Genetics and Nomenclature*

breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)

Comments:	
Inspector:	
Status:	Compliant

breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)



Breeding Genetics and Nomenclature-Other

Comments:		
Inspector:	فأرا فسنا بإنسا	· ·
Status:	Compliant	

Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	
Status:	N/A

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments			
Inspector:		(î	
Status:	N/A		

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)

Comments:	
Inspector:	ini ini jini
Status:	N/A

aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)

Comments	2.1 90	
Inspector:		
Status:	N/A	

aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)

Comments:		
Inspector:		,
Status:	N/A	

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments	
Inspector:	
Status:	N/A

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments:		
Inspector:		1 À
Status:	N/A	

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments			
Inspector:		(C	
Status:	N/A		

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Aseptic Surgery-Other



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)



survival surgery - records of peri-operative care (Guide, p 120)

Comments:	
Inspector:	(1) المناطق (1)
Status:	N/A

survival surgery - aseptic procedures (Guide, pp 118-119)



survival surgery - autoclave monitoring procedures (Guide, pp 119, 145

Comments	2) 2)			
Inspector:		6	т	X
Status:	N/A			

survival surgery - storage of autoclaved materials (Guide, p 145)



survival surgery - cold sterilization procedures are appropriate (Guide, p 119)



Survival Surgery-Other

Comments	
Inspector:	أحصنها فحتا وتصا
Status:	N/A

Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments:		
Inspector:	أحدثا بالنصا	
Status:	N/A	

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)



imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments	2.1 90		
Inspector:		Í	
Status:	N/A		

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]



imaging console is located away from radiation source (Guide, p 147)



Imaging / Whole Body Irradiation-Other

Comments:				
Inspector:		í	a.	ì
Status:	N/A			

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Hazardous Agent Containment-Other

Comments	
Inspector:	أحصنه أأصنا وانصر
Status:	Compliant

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Comments	:				
Inspector:	ر ا	Ċ,	(r.)
Status:	N/A				

behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments:	
Inspector:	Entry Etc. (Control)
Status:	N/A

behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)



Behavioral Studies-Other





UCSC Terrestrial

Managers Not Assigned

Inspection Contributors

Status Done Inspection Date Sep 10, 2019

Report Sent Date Nov 24, 2019

Notes

No Notes

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments			
Inspector:	linin lini	ĺ	ì
Status:	Compliant		

location - separation of species (Guide, p 111)

Comments	:
Inspector:	فالمتعاد وتحط
Status:	Compliant

location - separation by disease status (Guide, p 111)



location - security and access control (Guide, p 151)

	Comments:	
	Inspector:	أحصاصان باستا والحا
	Status:	Compliant
Į	l	

Location-Other

Comments	:
Inspector:	أستعلي فحنا وتصا
Status:	Compliant

Construction*

construction - corridors (Guide, p 136)

Comments	:
Inspector:	
Status:	Compliant

construction - animal room doors (Guide, p 137)

Comments	;	
Inspector:	inita inita (inita)
Status:	Compliant	

construction - exterior windows (Guide, p 137)

Comments	
Inspector:	Entry Etch (Anton)
Status:	Compliant

construction - floors (Guide, p 137)



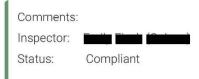
construction - drainage (Guide, p 138)

Comments	
Inspector:	
Status:	Compliant

construction - walls and ceilings (Guide, p 138)

Comments:	
Inspector:	
Status:	Compliant

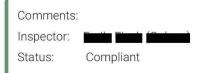
construction - heating ventilation and air conditioning (Guide, p 139)



construction - power and lighting (Guide, p 141)

Comments:		
Inspector:		
Status:	Compliant	

construction - noise control (Guide, p 142)



construction - vibration control (Guide, p 142)

Comments:	
Inspector:	Entry Each (Colory)
Status:	Compliant

construction - environmental monitoring (Guide, p 143)

Comments	
Inspector:	أستنقل انصنا جنسا
Status:	Compliant

Construction-Other

Comments:		
Inspector:	ينصنا بننط	Ì
Status:	Compliant	

Room/Cage*

room cage - temperature and humidity (Guide, p 43)

Comments:		
Inspector:		
Status:	Compliant	

room cage ventilation and air quality (Guide, p 45)



room cage - illumination (Guide, p 47)



room cage - noise and vibration (Guide, p 49)



Room/Cage-Other

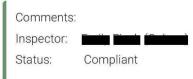


Primary Enclosure*

primary enclosure - space meets physiologic, behavioral (xv), and social (xvi) needs (Guide, pp 51, 55-63)

Comments:	
Inspector:	
Status:	Compliant

primary enclosure - secure environment provided (Guide, p 51)



primary enclosure - durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)



primary enclosure - flooring is safe and appropriate for species (Guide, p 51)



primary enclosure - adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)



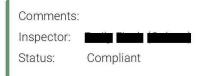
primary enclosure - objective assessments of housing and management are made (Guide, p 52)



primary enclosure - procedures for routine husbandry are documented (Guide, p 52)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - socially housed animals can escape or hide to avoid aggression (Guide, p 55)



primary enclosure - cage height provides adequate clearance (Guide, p 56)

Comments:	
Inspector:	(مستمار) فستا التسا
Status:	Compliant

primary enclosure - animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56)

Comments:	
Inspector:	أحصادهم بالمتا والسرا
Status:	Compliant

primary enclosure - rationale (xvii) for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)



Primary Enclosure-Other

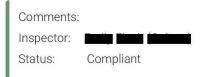


Sanitation*

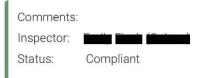
sanitation - frequency of bedding/substrate change (Guide, p 70)

Comments	
Inspector:	
Status:	Compliant

sanitation - cleaning and disinfection of microenvironment (Guide, pp 70-71)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 72)



sanitation - assessing effectiveness (Guide, p 73)

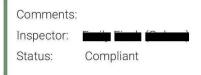
Comments	
Inspector:	أستعل شعتا يتعا
Status:	Compliant

Sanitation-Other



Storage*

storage - bedding in vermin-free area and protected from contamination (Guide, p 141)



storage - adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)

Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)



carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)

Comments:		
Inspector:		ì
Status:	Compliant	

Storage-Other



General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:		
Inspector:	innin linnin (i	
Status:	Compliant	

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

Comments	
Inspector:	
Status:	Compliant

sharps disposal (Guide, p 74)

Comments				
Inspector:	شمنا بتسا	(C	7970	
Status:	Compliant			

anesthetic monitoring (Guide, p 120)

Comments:			
Inspector:		(l)
Status:	Compliant		

scavenging of anesthetic gases (Guide, p 21)

Comments	:
Inspector:	Entin Einin (ê. 1
Status:	Compliant

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)



animal welfare signage (AAALAC Site Visit 2013)

Comments:	
Inspector:	
Status:	Compliant

General Considerations-Other



Environment Enrichment, Behavioral and Social Management*

enrichment, behavior social management - structures and resources promote species typical behavior (Guide, pp 52-54)

Comments	:
Inspector:	Early Einer (Carles)
Status:	Compliant

novelty of enrichment is considered (Guide, p 53)

Compliant

species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)

Comments	
Inspector:	(مسنعة فسنا جنسا
Status:	Compliant

animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)

Comments:	
Inspector:	
Status:	Compliant

enrichment, behavior social management - stability of pairs or groups is monitored for

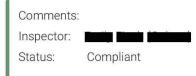
incompatibility (Guide, p 64)

Comments	:
Inspector:	أحصادها بأحداد بالحا
Status:	Compliant

enrichment, behavioral social management - single housing is justified for social species (Guide, p 64)



enrichment, behavioral social management - single housing is limited to the minimum period necessary (Guide, p 64)



additional enrichment for single housed animals is provided (Guide, p 64)



enrichment, behavioral social management - single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)

Comments:				
Inspector:	Finit Finit	ĺ	1	Ì
Status:	Compliant			

habituation to routine procedures is part of enrichment program (Guide, p 64)

Comments:	
Inspector:	
Status:	Compliant

Environment Enrichment, Behavioral and Social Management-Other

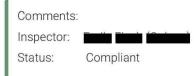
Comments	
Inspector:	Early First (Return)
Status:	Compliant

Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)*

sheltered or outdoor housing - weather protection and opportunity for retreat (Guide, p 54) [must]



sheltered or outdoor housing - appropriate size (Guide, p 54)



sheltered or outdoor housing - ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)



sheltered or outdoor housing - animal acclimation (Guide, p 55)

Comments:			
Inspector:	Finit Finit	1)
Status:	Compliant		

sheltered or outdoor housing - social compatibility (Guide, p 55)



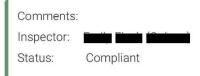
sheltered or outdoor housing - roundup/restraint procedures (Guide, p 55)

Comments	
Inspector:	Finite Finite (Port
Status:	Compliant

sheltered or outdoor housing - appropriate security (Guide, p 55)



Sheltered or Outdoor Housing (e.g. barns, corrals, pastures, islands)-Other



Naturalistic Environments*

naturalistic environments - animals added /removed with consideration of effect on group (Guide, p 55)



naturalistic environments - adequate food, fresh water, and shelter ensured (Guide, p 55)

Comments	;
Inspector:	init init (init)
Status:	Compliant

Naturalistic Environments-Other



Food*

food - feeding schedule and procedures including caloric intake management (Guide, pp 65-67)

Comments:		
Inspector:	Entry Final	
Status:	Compliant	

food - contamination prevention (Guide, p 65)

Comments:	
Inspector:	Eini Eini (Öni
Status:	Compliant

food - vendor quality control (Guide, p 66)



food - storage in sealed containers (Guide, p 66)

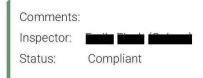
Comments	
Inspector:	أستعقب فستا جنسا
Status:	Compliant

food - expiration date labeling (Guide, p 66) Mill and Expiration date clearly marked (AAALAC Visit 2013)

food - vermin control (Guide, p 66)

Comments:		
Inspector:	ini ini i	
Status:	Compliant	

food - rotation of stocks (Guide, p 66)



Food-Other

Comments	
Inspector:	
Status:	Compliant

Water*

water - ad libitum unless justified (Guide, pp 67-68)

Comments	
Inspector:	مندقز بنصلا جتما
Status:	Compliant

water - QC procedures (Guide, pp 67-68)



Water-Other

Comments	
Inspector:	المعناي المعنا الرائسة
Status:	Compliant

Bedding and Nesting Materials*

bedding nesting - species appropriate (Guide, pp 68-69)

Comments	:	
Inspector:	Territ Hinsis (Anis	
Status:	Compliant	

bedding nesting - keeps animals dry (Guide, pp 68-69)



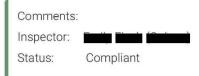
bedding nesting - QC procedures (Guide, pp 68-69)

Comments	
Inspector:	Finit Finit (Color)
Status:	Compliant

bedding nesting - minimizes scientific variables (Guide, pp 68-69)

Comments	
Inspector:	أحسنها فحنا بنصا
Status:	Compliant

Bedding and Nesting Materials-Other



Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)

Comments	
Inspector:	Emily Einst (Color
Status:	Compliant

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments	:
Inspector:	Early Eissle (Caland)
Status:	Compliant

waste - animal carcasses (Guide, pp 73-74)



waste - procedures for storage and disposal (Guide, pp 73-74)

Comments	
Inspector:	
Status:	Compliant

waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments: Sharps in sharps container capped
Inspector: Initia (Initia)
Location: (Sciences)
Status: Not Compliant
Resolution:
No Further Action
Updated by Finite Finite finites on Nov 24, 2019
Nov 4th, 2019 at 12:00PM 21 hours ago
10:26 AM (1 hour ago)
to me
Dear IACUC,
Thank you for this information. Here I respond to this email to indicate the completion of the correction action. #1: This is not applied to our lab yet, since our lab has not started to renovate thus, we have not used that room at all).
Please let me know if any other information or action is necessary.
Best,
Incident Attachments:
Images:
Waste Disposal-Other

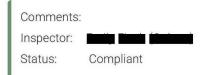


Pest Control*

pest control - regularly scheduled (Guide, p 74)

Comments	
Inspector:	Finite Finite (Anima)
Status:	Compliant

documented program including control of rodent pests and insecticide use (Guide, p 74)



Pest Control-Other



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, p 74)

Comments	
Inspector:	iniy ind (adapt)
Status:	Compliant

care - provision for accessible contact information (Guide, p 74)

Comments:		
Inspector:	أحدثا بالنصا	
Status:	Compliant	

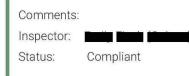
care - monitoring of backup systems (Guide, p 143)



care - veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

Comments	
Inspector:	أسنا السنا
Status:	Compliant

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

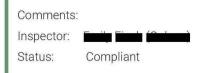


Emergency, Weekend, and Holiday Animal Care-Other



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)



identification - genotype information included and standardized nomenclature used when applicable (Guide, p 75)

Comments:	
Inspector:	مستحقن بالسلام والمست
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

Comments:		
Inspector:		
Status:	Compliant	

Identification-Other

Comments:				
Inspector:	أسنا بثسا	6	1	Ì
Status:	Compliant			

Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)

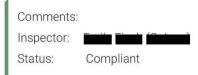
Comments	:
Inspector:	
Status:	Compliant

Personnel-Other

Comments:				
Inspector:	Junit Parti	(î	æ	Ì
Status:	Compliant			

Recordkeeping*

records accessible and contain appropriate information (Guide, pp 75-76)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)



records are provided when animals are transferred between institutions (Guide, p 75)

Comments		
Inspector:	Finit Finit (A	
Status:	Compliant	

Recordkeeping-Other

Comments:		
Inspector:	أأ شحنا جنعا	ľ)
Status:	Compliant	

Breeding Genetics and Nomenclature*

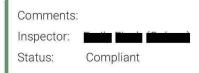
breeding genetics and nomenclature - appropriate genetic records, management and monitoring procedures (Guide, p 76)



breeding genetics and nomenclature - phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77)

Comments:	
Inspector:	أستقرب أشتا الأسا
Status:	Compliant

Breeding Genetics and Nomenclature-Other



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	ini ini (ini
Status:	Compliant

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)



aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)



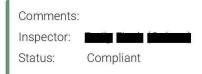
aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operation room - effective contamination control procedures (Guide, p 144)

Comments	
Inspector:	jenia jimb (ĉeten)
Status:	Compliant

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments:			
Inspector:		(î	·
Status:	Compliant		

aseptic surgery - operating room - lighting safe and appropriate (Guide, p 145)



aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments	:
Inspector:	Entra Etable (Retario)
Status:	Compliant

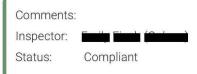
aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)



aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments	
Inspector:	ini ini (ini
Status:	Compliant

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)



aseptic surgery - dressing area - place for personnel to change (Guide, p 145)

Comments:	
Inspector:	Entite Einth (Cont
Status:	Compliant

Aseptic Surgery-Other

Comments:		
Inspector:		
Status:	Compliant	

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	
Inspector:	(مسنعة) انصنا بانصا
Status:	Compliant

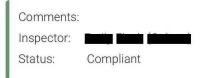
survival surgery - records of peri-operative care (Guide, p 120)

Comments:	
Inspector:	i i i i í i i
Status: Cor	mpliant

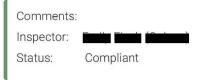
survival surgery - aseptic procedures (Guide, pp 118-119)

Comments	
Inspector:	
Status:	Compliant

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145



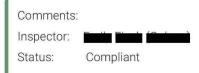
survival surgery - storage of autoclaved materials (Guide, p 145)



survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	
Inspector:	Enily Eineb (Select)
Status:	Compliant

Survival Surgery-Other



Imaging / Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)



imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments	
Inspector:	Finite Finite (finite)
Status:	Compliant

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)



imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]



imaging console is located away from radiation source (Guide, p 147)



Imaging / Whole Body Irradiation-Other



Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments:	
Inspector:	
Status:	Compliant

Hazardous Agent Containment-Other

Comments:				
Inspector:	ينصنا بننطا	Í	Ϋ́.	Ì
Status:	Compliant			

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)



behavioral - floor coverings reduce sound transmission (Guide, p 149)



behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

Finit Fi)
N/A		
	N/A	inip init (A

behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments		
Inspector:	Enily Eink (Col)
Status:	N/A	

Behavioral Studies-Other





UCSC Aquatic

Managers Not Assigned

Inspection Contributors

Status Done

Notes

No Notes

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments:	
Inspector:	فسنا بتسا
Status:	Compliant
Comments:	
Inspector:	(مساعق) واستا والسا
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)

Comments:		
Inspector:		
Status:	Compliant	
Comments:		
Inspector:		
Status:	Compliant	

Inspection Date Mar 8, 2019

Report Sent Date Nov 19, 2019

sharps disposal (Guide, p 74)

4

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	Comments:			
	Inspector:	أسنا ينتعا		Ì
	Status:	Compliant		
4	l			
	Comments:			
	Inspector:		(î i	Ì
	Status:	Compliant		
Į				

anesthetic monitoring (Guide, p 120)

	Comments:	
	Inspector:	
	Status: Cor	mpliant
	L	
ĺ	Comments:	
	Inspector:	(مسلمان)
	Status: Cor	mpliant
	l	

scavenging of anesthetic gases (Guide, p 21)

Comments: Inspector: Status:	Compliant	(in in the second s
Comments: Inspector: Status:	Compliant	(**** **)

safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



Comments	
Inspector:	
Status:	Compliant

carcass disposal (Guide, pp 73-74)

Comments	:
Inspector:	أصفقت فحنا وتصا
Status:	Compliant
l.	
Comments	;
Inspector:	Finity Finite (Finite)
Status:	Compliant

animal welfare signage (AAALAC Site Visit 2013)



Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments: Inspector: Status:	Compliant	
Comments: Inspector: Status:	Compliant	(

location - separation of species (Guide, p 111)

1		
	Comments:	
	Inspector:	(مسلما) المنا والم
	Status:	Compliant
ļ	l	
i	1	
	Comments:	
	Inspector:	(مسلمة) فستا بإنسا
	Status:	Compliant
J		

location - separation by disease status (Guide, p 111)

Comments: Inspector: Status:	Compliant	
Comments: Inspector: Status:	Compliant	

location - security and access control (Guide, p 151)

Comments: Inspector: Status:	Compliant	
Comments: Inspector: Status:	Compliant	(8-1)

Construction*

construction - corridors (Guide, p 136)



Comments	
Inspector:	
Status:	Compliant

ä

construction - animal room doors (Guide, pp 137, 150)

	Comments:	
I	Inspector:	(مساعد) الأستار بإنسار
I	Status:	Compliant
1	Comments:	
I	Inspector:	
	Status:	Compliant
l		

construction - exterior windows (Guide, p 137)



construction - floors (Guide, pp 137, 150)

Comments:		
Inspector:		
Status:	Compliant	
Comments:		
confinents.		
Inspector:		
Status:	Compliant	

construction - drainage (Guide, pp 138, 150)

Comments	
Inspector:	(مسلمة) شمنة وتست
Status:	Compliant

Comments	:
Inspector:	inia lina (ina
Status:	Compliant

construction - walls and ceilings (Guide, pp 138, 150)

	Comments:	
	Inspector:	أحصام واست
	Status:	Compliant
ļ	l	
	Comments:	
	Inspector:	
	Status:	Compliant
Į		

construction - heating ventilation and air conditioning (Guide, pp 139, 150-151)



construction - power and lighting (Guide, pp 141, 150)

Comments:	
Inspector:	(مسلمات) فلسلة جلنسا
Status:	Compliant
l	
Comments:	
Inspector:	
Status:	Compliant
l	

construction - noise control (Guide, p 142)

Comments	
Inspector:	(مستعد) فستا بإنسا
Status:	Compliant

Comments	
Inspector:	
Status:	Compliant

4

construction - vibration control (Guide, p 142)

Comments:	
Inspector:	(مستعلم فسنا وتسا
Status:	Compliant
Comments:	
Inspector:	Finite Finite (Color)
Status:	Compliant

construction - environmental monitoring (Guide, p 143)



Water Quality*

water quality - standards for acceptable quality are established (Guide, p 78)

Comments: Inspector: Status:	Compliant	(0)
Comments: Inspector: Status:	Compliant	()

water quality - chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems (Guide, pp78, 86) [must]

Comments:	
Inspector:	
Status: C	Compliant
1	
1	
Comments:	
Inspector:	(مسلم المسلم الرائد
Status: C	Compliant

Life Support System*

life support system - water source is based on appropriate controls and research requirements (Guide, p 79)

Comments:	
Inspector:	(مساعد أشعار البيد
Status:	Compliant
Comments:	
Inspector:	أحصادهم والمتا والمتعا
Status:	Compliant

life support system - biofilter is of sufficient size to process bioload (Guide, p 80) [must]



Temperature, Humidity and Ventilation/Illumination/Noise and Vibration*

temperature and humidity (Guide, pp 43, 80-81)

Comments	
Inspector:	أحصنها فصلا وتنصا
Status:	Compliant

Comments	
Inspector:	
Status:	Compliant

ventilation and air quality (Guide, pp 45, 81)



illumination (Guide, pp 47, 81)

Comments:		
Inspector:	Entry Etch	
Status:	Compliant	
Comments:		
Inspector:	ini ini	
Status:	Compliant	
l		

noise and vibration (Guide, pp 49, 81)

Comments	:
Inspector:	أحصنها فحنا جنسا
Status:	Compliant
l	
Comments	;
Inspector:	
Status:	Compliant
l	

Primary Enclosure*

primary enclosure - allows for normal physiological and behavioral needs (Guide, p 82)

Comments:	
Inspector:	
Status:	Compliant
Comments:	
Inspector:	(مساحد) الأستا بإنسا
Status:	Compliant

1

primary enclosure - allows social interaction for social species (Guide, p 82)

1		
	Comments:	
	Inspector:	أحصاصك فلعنا بانصا
	Status:	Compliant
ļ	l	
	Comments:	
	Inspector:	فسنعتزز فسنا برنسا
	Status:	Compliant
1		

primary enclosure - provides a balanced, stable environment (Guide, p 82)

Comments:	
Inspector:	أنسنداز بندار
Status:	Compliant
l	
Comments:	
Inspector:	
Status:	Compliant

primary enclosure - provides appropriate water quality and monitoring (Guide, p 82)

l	Comments:	
l	Inspector:	
l	Status:	Compliant
6	Comments:	
l	Inspector:	أحصاب أأحما المحاد
l	Status:	Compliant

.

primary enclosure - allows access to food and waste removal (Guide, p 82)

Comments:	
Inspector:	أحصادهم وتحدار
Status:	Compliant
l	
1	
Comments:	
Inspector:	(مساحد) فاستا الإنسا
Status:	Compliant

primary enclosure - restricts escape and entrapment (Guide, p 82)

Comments:			
Inspector:	Entry Final		
Status:	Compliant		
Comments:			
Comments.			
Inspector:	فحينا برتصا	(î i i i i i i i i i i i i i i i i i i i	
Status:	Compliant		

primary enclosure - allows undisturbed observation (Guide, p 82)

	Comments:		
L	Inspector:	Entire Risch	
L	Status:	Compliant	
1	Comments:		
L	Inspector:		
L	Status:	Compliant	

primary enclosure - constructed of nontoxic materials (Guide, p 82)

Comments:	
Inspector:	
Status:	Compliant
l	
Comments:	
Inspector:	
Status:	Compliant

.

primary enclosure - prevents electrical hazards (Guide, p 82)

Comments:	
Inspector:	ini ini (înim)
Status:	Compliant
l,	
Comments:	
Inspector:	(مساحد) المستت الإنتسار
Status:	Compliant

primary enclosure - space needs of species are evaluated by IACUC during program evaluations and facility inspections (Guide, p 83)



Environmental Enrichment, Social Housing, Behavioral and Social Management*

enrichment elicits appropriate behaviors and is safe (Guide, p 83)



enrichment, housing, behavior social management - semi-aquatic reptiles are provided terrestrial areas (Guide, p 83)



Compliant

enrichment, housing, behavior social management - handling is kept to a minimum and appropriate techniques are in place at facility or protocol level (Guide, p 84)



enrichment, housing, behavior social management - nets are cleaned, disinfected and managed to avoid contamination of systems (Guide, p 84)

Comments:		
Inspector:		
Status:	Compliant	
Comments:		
Inspector:	Finite Finite (
Status:	Compliant	

Food*

food - storage to prevent contamination, preserve nutrients and prevent pests (Guide, p 84)

	Comments:	
	Inspector:	National State
	Status:	Compliant
Į		
1		
l	Comments:	
	Inspector:	زصنداز خدنا بتسا
	Status:	Compliant
l		

food - delivery ensures access to all , minimizing aggression and nutrient loss (Guide, p 84)

Comments:	
Inspector:	
Status:	Compliant
l	
Comments:	
conninents.	
Inspector:	
Status:	Compliant
l	

food - storage times are based on manufacturer recommendations or accepted practice (Guide, p 84)

Comments:	
Inspector:	أحصفهن فصنا وننصا
Status:	Compliant
l	
Comments:	
Inspector:	أحصادهن فحطا والسا
Status:	Compliant

.

food - a nutritionally complete diet is provided (Guide, p 84)



Substrate*

amount, type and presentation of substrate is appropriate for the system and the species (Guide, p 85)



Comments	
Inspector:	inia iinia (iinia)
Status:	Compliant

Sanitation, Cleaning and Disinfection*

sanitation - frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring (Guide, p 86)

Comments:		
Inspector:		
Status:	Compliant	
l		
Comments:		
Inspector:	ينصل بينتصل	
Status:	Compliant	

sanitation - cleaning and disinfection of macroenvironment (Guide, p 86)

Comments:	
Inspector:	
Status:	Compliant
Comments:	
Inspector:	(مسلم المناكر
Status:	Compliant

Waste Disposal*

đ

waste - procedures for collection (Guide, pp 73-74)

Comments:		
Inspector:	شعنا بتصا	
Status:	Compliant	
Comments:		
Inspector:	ينصل التصل	
Status:	Compliant	

hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

	Comments:	
	Inspector:	Ì
	Status: Compliant	
ļ	l	
	Comments:	
	Inspector: Early Finds (Cal	ì
	Status: Compliant	
l		

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1

waste - animal carcasses (Guide, pp 73-74)

Comments	
Inspector:	السنعة العنا يتط
Status:	Compliant
l	
Comments	:
Inspector:	(مستحق) فتصلا بينسل
Status:	Compliant
l	

waste - procedures for storage and disposal (Guide, pp 73-74)



waste - sharps are not being recapped (AAALAC Site Visit 2013)



Pest Control*

pest control - regularly scheduled (Guide, p 74)

	Comments:		
	Inspector:	أحظ وأنصل	
	Status:	Compliant	
	Comments:		
	Inspector:	فسنار وتسا	
	Status:	Compliant	
Į			

documented program including control of pests and insecticide use (Guide, p 74)



Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, pp 74, 87)

Comments:		
Inspector:	فسنا بتسا	(1)
Status:	Compliant	
Comments:		
Inspector:		
Status:	Compliant	

care - provision for accessible contact information (Guide, pp 74, 87)

	Comments:		
	Inspector:		
	Status:	Compliant	
1			
	Comments:		
	Inspector:	يندي الإنسا	
	Status:	Compliant	

care - emergency response plans in place to address major system failures (Guide, 87)

Comments:		
Inspector:	Entry Find	
Status:	Compliant	
1		
1		
Comments:		
Inspector:		
Status:	Compliant	

veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]

Comments: Inspector: Status:	Compliant	Ì
Comments: Inspector: Status:	Compliant	

care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs, including source of strain, name, and contact of PI, back emergency contact, IACUC protocol number, DOB and of weaning)

	Comments:	Cage cards on tanks at outside in overflow fish area need better attachment
	Inspector:	
	Status:	Corrected on Site
	Comments:	
l	Inspector:	linip linip (inclusion)
l	Status:	Compliant

identification - genotype information included and standardized nomenclature used when applicable (Guide, pp 75, 87)



identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

Comments:	
Inspector:	
Status:	Compliant
l l	
Comments:	
Inspector:	أحصاب أأسات بإنسا
Status:	Compliant
l	

Recordkeeping*

records - water quality parameters and frequency of testing recorded (Guide, p 88)

1	
	Comments:
	Inspector:
	Status: Compliant
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Í	
	Comments:
	Inspector:
	Status: Compliant
l	

records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)

Comments: Inspector: Status:	Compliant	(2-1)
Comments: Inspector: Status:	Compliant	(****)

records accessible and contain appropriate information (Guide, pp 75-76)

	Comments: Inspector:	فيتستع متنسق	Ň
	Status:	Compliant	
1	Comments:		
l	Inspector:		Ì
	Status:	Compliant	

records are provided when animals are transferred between institutions (Guide, p 75)

Comments	
Inspector:	Estin Eisth (2. j)
Status:	Compliant
Comments	:
Inspector:	inita itali (Anton)
Status:	Compliant

Storage*

storage - adequate space for equipment, supplies, food, substrate and refuse (Guide, p 141)

Comments Inspector:	:
Status:	Compliant
Comments	:
Inspector: Status:	Compliant

storage - substrate protected from contamination (Guide, p 141)

Comments:	
Inspector:	(مستحق) بنصنا بتنسا
Status:	Compliant
Comments:	
Inspector:	(مسلمان) المسلم بإنسار
Status:	Compliant

storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)

Comments:	
Inspector:	أستعاز فستا وتسا
Status:	Compliant

Comments	
Inspector:	
Status:	Compliant

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	inia inak (inia)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

أحصاد أأحفا الأحفا
N/A
Dec 19, 2019

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)

Comments:	
Inspector:	Entire Eine (Antonio
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)

Comments	
Inspector:	Finite Finite (Anton)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)

Comments	
Inspector:	Jerika Sirek (Sekera)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - effective contamination control procedures (Guide, p 144)

Comments	
Inspector:	أستعقز شحتا وتصا
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)



aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)

Comments:	
Inspector:	(مسلح الم المسلح الم المسلح الم
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery -operating room - lighting safe and appropriate (Guide, p 145)

Comments	
Inspector:	أحصادها أأسال والسرا
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)

Comments:		
Inspector:	فسنته ونست	
Status:	N/A	
Due Date:	Dec 19, 2019	

aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)

Comments	
Inspector:	أستعقر شعتا بتنعا
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)



aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

ini ini (înim)
N/A
Dec 19, 2019

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)

Comments	
Inspector:	inia ina (ina
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)

Comments	
Inspector:	Emily Eine (Color)
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments	:
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)

Comments	
Inspector:	inip inch (Anim)
Status:	N/A
Due Date:	Dec 19, 2019

Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)

Comments	1
Inspector:	أسنعة أنسنا وتسا
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - records of peri-operative care (Guide, p 120)

Comments	
Inspector:	(مساعدت) واست
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - aseptic procedures (Guide, pp 118-119)

Comments	
Inspector:	Entia Etak (Anton)
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145)

Comments:	
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - storage of autoclaved materials (Guide, p 145)

Comments	
Inspector:	(مساع (شساع
Status:	N/A
Due Date:	Dec 19, 2019

survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	
Inspector:	أستعقل فستا ببنسا
Status:	N/A
Due Date:	Dec 19, 2019

Imaging/Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	:
Inspector:	أستحقز بنصلا بنصل
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)

Comments:	
Inspector:	فسنعة بنست
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments:	
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]

Comments	
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

imaging console is located away from radiation source (Guide, p 147)

Comments	
Inspector:	أستقرأ شطا بتنط
Status:	N/A
Due Date:	Dec 19, 2019

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]

Comments	:
Inspector:	أستنقل السنار واسا
Status:	N/A
Due Date:	Dec 19, 2019

Behavioral Studies*

behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)



behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	:
Inspector:	
Status:	N/A
Due Date:	Dec 19, 2019

behavioral - testing equipment allows for surface disinfection (Guide, p 150)

Comments	
Inspector:	(مساحد) المستق بإنست
Status:	N/A
Due Date:	Dec 19, 2019

behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)

أحصنه فعتا النصا
N/A
Dec 19, 2019

behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)

Comments	:
Inspector:	(مسلمة) فستا التسا
Status:	N/A
Due Date:	Dec 19, 2019



UCSC Aquatic

Managers Not Assigned

Inspection Contributors

Status Done Inspection Date Sep 13, 2019

Report Sent Date Nov 24, 2019

Notes

No Notes

General Considerations*

labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p 134)

Comments	
Inspector:	سنعت فسنا جنسا
Status:	Compliant

drug storage, labeling, control, and expiration dates (Guide, pp 115, 122; AAALAC Site Visit 2016)



sharps disposal (Guide, p 74)



anesthetic monitoring (Guide, p 120)

Comments	
Inspector:	
Status:	Compliant

scavenging of anesthetic gases (Guide, p 21)



safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (Guide, p 19)



carcass disposal (Guide, pp 73-74)

Comments:				
Inspector:		ĺ	×.	ì
Status:	Compliant			

animal welfare signage (AAALAC Site Visit 2013)



General Considerations-Other

Comments:	
Inspector:	مستعدية الإفساد
Status:	Compliant

Location*

location - animal areas separate from personnel areas (Guide, p 134)

Comments	
Inspector:	
Status:	Compliant

location - separation of species (Guide, p 111)

Comments:	
Inspector:	Resile Rissie (distant
Status:	Compliant

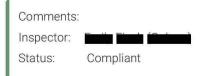
location - separation by disease status (Guide, p 111)

Comments:				
Inspector:		(î	an.	
Status:	Compliant			

location - security and access control (Guide, p 151)

Comments:		
Inspector:	Facily Finals (
Status:	Compliant	

Location-Other



Construction*

construction - corridors (Guide, p 136)



construction - animal room doors (Guide, pp 137, 150)

Comments	:
Inspector:	ini ini (ini)
Status:	Compliant

construction - exterior windows (Guide, p 137)

Comments:	
Inspector:	(مستعلة) فستا بتسا
Status:	Compliant

construction - floors (Guide, pp 137, 150)

Comments: Center - Fixing chip on fish kitchen floor
Inspector: English (English)
Status: Not Compliant
Resolution:
Resolved
Resolved on Nov 6, 2019
Updated by Taria Time (Tarian) on Nov 24, 2019
Nov 6th, 2019 at 1:33PM 29 minutes ago
12:43 PM (50 minutes ago)
to me,
Hi
Work Management completed the repair as of yesterday, and the space is ready for use.
Best,
Incident Attachments:
Images:

construction - drainage (Guide, pp 138, 150)

أحصنها فصنا بتسا
Compliant

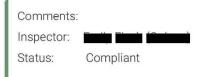
construction - walls and ceilings (Guide, pp 138, 150)

Comments	
Inspector:	
Status:	Compliant

construction - heating ventilation and air conditioning (Guide, pp 139, 150-151)

Comments	
Inspector:	زيرين المناجز الأسرا
Status:	Compliant

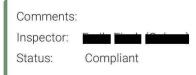
construction - power and lighting (Guide, pp 141, 150)



construction - noise control (Guide, p 142)

Comments:		
Inspector:	أسنا إنصا	
Status:	Compliant	

construction - vibration control (Guide, p 142)



construction - environmental monitoring (Guide, p 143)



Construction-Other



Water Quality*

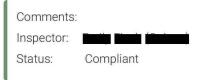
water quality - standards for acceptable quality are established (Guide, p 78)



water quality - chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems (Guide, pp78, 86) [must]

Comments:	
Inspector:	
Status:	Compliant

Water Quality-Other



Life Support System*

life support system - water source is based on appropriate controls and research requirements (Guide, p 79)

Comments:	
Inspector:	
Status:	Compliant

life support system - biofilter is of sufficient size to process bioload (Guide, p 80) [must]



Life Support System-Other

inin iinin (ênim	ì
Compliant	
	Compliant

Temperature, Humidity and Ventilation/Illumination/Noise and Vibration*

temperature and humidity (Guide, pp 43, 80-81)

Comments	
Inspector:	المتعادية وتستا
Status:	Compliant

ventilation and air quality (Guide, pp 45, 81)

Comments:	
Inspector:	
Status:	Compliant

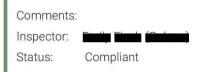
illumination (Guide, pp 47, 81)

Comments	
Inspector:	(مسنعة) شعنة بنسة
Status:	Compliant

noise and vibration (Guide, pp 49, 81)

Comments:	
Inspector:	Early Eissen (Cartern)
Status:	Compliant

Temperature, Humidity and Ventilation/Illumination/Noise and Vibration-Other



Primary Enclosure*

primary enclosure - allows for normal physiological and behavioral needs (Guide, p 82)

Comments	
Inspector:	
Status:	Compliant

primary enclosure - allows social interaction for social species (Guide, p 82)

Comments:		
Inspector:	فحنا يتصا	
Status:	Compliant	

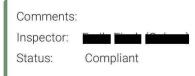
primary enclosure - provides a balanced, stable environment (Guide, p 82)

Comments:				
Inspector:		(1	Ì
Status:	Compliant			

primary enclosure - provides appropriate water quality and monitoring (Guide, p 82)

Comments	
Inspector:	Entire Einek (Entire)
Status:	Compliant

primary enclosure - allows access to food and waste removal (Guide, p 82)



primary enclosure - restricts escape and entrapment (Guide, p 82)



primary enclosure - allows undisturbed observation (Guide, p 82)

Comments	:
Inspector:	فسنعت فسنا جنسا
Status:	Compliant

primary enclosure - constructed of nontoxic materials (Guide, p 82)

Comments	:
Inspector:	
Status:	Compliant

primary enclosure - prevents electrical hazards (Guide, p 82)

Comments:		
Inspector:	Enily Eint (
Status:	Compliant	

primary enclosure - space needs of species are evaluated by IACUC during program evaluations and facility inspections (Guide, p 83)



Primary Enclosure-Other

Comments:	
Inspector:	ستعقز شحنا يتسا
Status:	Compliant

Environmental Enrichment, Social Housing, Behavioral and Social Management*

enrichment elicits appropriate behaviors and is safe (Guide, p 83)

Comments	:
Inspector:	
Status:	Compliant

enrichment, housing, behavior social management - semi-aquatic reptiles are provided terrestrial areas (Guide, p 83)

Comments	:
Inspector:	(مسلم المسلم والسم
Status:	Compliant

enrichment, housing, behavior social management - handling is kept to a minimum and appropriate techniques are in place at facility or protocol level (Guide, p 84)

Comments	
Inspector:	
Status:	Compliant

enrichment, housing, behavior social management - nets are cleaned, disinfected and managed to avoid contamination of systems (Guide, p 84)

Comments:	
Inspector:	E i fini (înim)
Status:	Compliant

Environmental Enrichment, Social Housing, Behavioral and Social Management-Other



Food*

food - storage to prevent contamination, preserve nutrients and prevent pests (Guide, p 84)

Comments:	
Inspector:	
Status:	Compliant

food - delivery ensures access to all , minimizing aggression and nutrient loss (Guide, p 84)

Comments	
Inspector:	Finite Finite (finite)
Status:	Compliant

food - storage times are based on manufacturer recommendations or accepted practice (Guide, p 84)

Comments	
Inspector:	Frig Fink (Pri
Status:	Compliant

food - a nutritionally complete diet is provided (Guide, p 84)

Comments	
Inspector:	
Status:	Compliant

Food-Other

Comments	
Inspector:	إحصابه بأعمله والعمار
Status:	Compliant

Substrate*

amount, type and presentation of substrate is appropriate for the system and the species (Guide, p 85)



Substrate-Other



Sanitation, Cleaning and Disinfection*

sanitation - frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring (Guide, p 86)



sanitation - cleaning and disinfection of macroenvironment (Guide, p 86)

Comments	
Inspector:	
Status:	Compliant

Sanitation, Cleaning and Disinfection-Other

Comments	
Inspector:	أسنعت أشتار بتسا
Status:	Compliant

Waste Disposal*

waste - procedures for collection (Guide, pp 73-74)



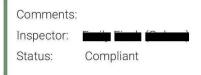
hazardous wastes are rendered safe before removal from facility (Guide, pp 73-74) [must]

Comments	;
Inspector:	(مسنعة (قصنه)
Status:	Compliant

waste - animal carcasses (Guide, pp 73-74)

Comments	
Inspector:	Entity Einstein (Antonio
Status:	Compliant

waste - procedures for storage and disposal (Guide, pp 73-74)



waste - sharps are not being recapped (AAALAC Site Visit 2013)

Comments	
Inspector:	
Status:	Compliant

Waste Disposal-Other

Comments	
Inspector:	أستنقز شطا يتصا
Status:	Compliant

Pest Control*

pest control - regularly scheduled (Guide, p 74)



documented program including control of pests and insecticide use (Guide, p 74)

Comments	
Inspector:	(مسلم أنسل (أسلم)
Status:	Compliant

Pest Control-Other

Comments	
Inspector:	Entin Einen (ênt
Status:	Compliant

Emergency, Weekend, and Holiday Animal Care*

care provided by qualified personnel every day (Guide, pp 74, 87)

Comments:	
Inspector:	مندة شدا بنسا
Status:	Compliant

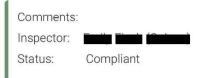
care - provision for accessible contact information (Guide, pp 74, 87)

Comments	
Inspector:	
Status:	Compliant

care - emergency response plans in place to address major system failures (Guide, 87)



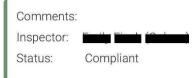
veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) [must]



care - a disaster plan that takes into account both personnel and animals (Guide, p 75; AAALAC Site Visits 2010, 2013)

Comments:		
Inspector:		
Status:	Compliant	

Emergency, Weekend, and Holiday Animal Care-Other



Identification*

identification - cage/tank cards contain required information (Guide, pp 75, 87; AAALAC Site Visit 2016—consistent relevant accurate information for all cage cards through all labs)

Comments: tank room- ID card needs species 2 sharks - relabel table pipefish
Inspector:
Status: Not Compliant
Resolution:
Resolved
Resolved on Oct 11, 2019
Updated by Tank Tank (Reinard) on Nov 24, 2019
Fri, Oct 11, 4:22 PM (5 days ago)
to me
Hello
1) The "blank" ID card that was mistakenly left on top of shark tank's lid was removed to prevent confusion; the
tag did not have the species listed because the tag was not in use. The shark's correct ID tag remains in place with the species
information listed.
2) Pipefish are re-labeled.
3) will be addressing the chipped fish kitchen floor.
Thank you!
Center
UC Santa Cruz
Santa Cruz, CA
ucsc.edu
Direct (831) (331)
Incident Attachments:
Images:
N

identification - genotype information included and standardized nomenclature used when applicable (Guide, pp 75, 87)

Comments:	
Inspector:	(مسلمة) فسنة ولنسة
Status:	Compliant

identification - labeling for biohazards follows procedures (AAALAC Site Visit 2016)

	Comments			
	Inspector:			
	Status:	Compliant		
Į				

Identification-Other

Comments:	
Inspector:	(مستعلة) فستا وتسار
Status:	Compliant

Recordkeeping*

records - water quality parameters and frequency of testing recorded (Guide, p 88)



records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)

Comments	
Inspector:	أسخم أشعتك وانسك
Status:	Compliant

records accessible and contain appropriate information (Guide, pp 75-76)

Comments	:
Inspector:	Easting Eissele (Castana)
Status:	Compliant

records are provided when animals are transferred between institutions (Guide, p 75)



Recordkeeping-Other

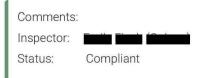
Comments	a 1 8)			
Inspector:		í	a.	À
Status:	Compliant			

Storage*

storage - adequate space for equipment, supplies, food, substrate and refuse (Guide, p 141)



storage - substrate protected from contamination (Guide, p 141)



storage - food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141)



refuse storage is separate (Guide, p 141)

Comments:	
Inspector:	أحصامها باعدار
Status:	Compliant

carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141)



Storage-Other

Comments	1 5
Inspector:	
Status:	Compliant

Personnel*

personnel - adequate space for locker rooms, administration and training (Guide, p 135)



Personnel-Other



Aseptic Surgery*

aseptic surgery - general consideration - location minimizes traffic/contamination (Guide, p 144)



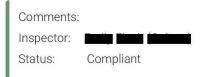
aseptic surgery - general consideration - functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (Guide, p 144)

Comments	
Inspector:	أحصادتها فصنا بإنصا
Status:	Compliant

aseptic surgery - general consideration - appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - general consideration - safe sharps disposal system (Guide, p 74)



aseptic surgery - general consideration - sharps are not being recapped (AAALAC Site Visit 2013)



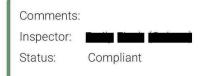
aseptic surgery - general consideration - adequate records of anesthesia and perioperative care (Guide, p 122)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - general consideration - aseptic procedures in use for all survival surgery (Guide, pp 118-119)



aseptic surgery - operating room - effective contamination control procedures (Guide, p 144)



aseptic surgery - operating room - effective cleaning procedures/dedicated tools (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - operating room - interior surfaces smooth and impervious to moisture (Guide, p 145)



aseptic surgery - operating room - HVAC system meets Guide requirements (Guide, p 145)



aseptic surgery -operating room - lighting safe and appropriate (Guide, p 145)

Comments:		
Inspector:		
Status:	Compliant	

aseptic surgery - operating room - outlets safe and appropriate (Guide, p 145)



aseptic surgery - operating room - scavenging of anesthetic gases implemented (Guide, p 145)



aseptic surgery - surgical support - facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)

Comments	
Inspector:	inia inak (inia)
Status:	Compliant

aseptic surgery - surgical support - autoclave monitoring procedures are implemented (Guide, pp 119, 145)



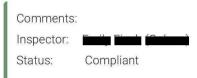
aseptic surgery - surgical support - storage of autoclaved materials maintains sterility (Guide, p 145)



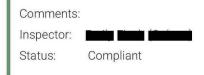
aseptic surgery - surgical support - cold sterilization procedures are appropriate (Guide, p 119)

Comments:			
Inspector:		a.	Ì
Status:	Compliant		

aseptic surgery - animal preparation - contains large sink to facilitate cleaning of animal and operative site (Guide, p 145)



aseptic surgery - surgeon scrub - outside operating room, non-hand-operated sink (Guide, p 145)



aseptic surgery - postoperative recovery - allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (Guide, p 145)

Comments	
Inspector:	
Status:	Compliant

aseptic surgery - dressing area - place for personnel to change (Guide, p 145)



Aseptic Surgery-Other



Survival Surgery*

rodent survival surgery clean and uncluttered, not used for anything else during surgery (Guide, p 144)



survival surgery - records of peri-operative care (Guide, p 120)

Comments:	
Inspector:	أحصنه (أعداد بانسا
Status:	Compliant

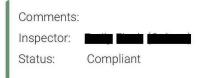
survival surgery - aseptic procedures (Guide, pp 118-119)

Comments:		
Inspector:	يتعنا بتسا	
Status:	Compliant	

survival surgery - autoclave monitoring procedures (Guide, pp 119, 145)

Comments	
Inspector:	
Status:	Compliant

survival surgery - storage of autoclaved materials (Guide, p 145)



survival surgery - cold sterilization procedures are appropriate (Guide, p 119)

Comments	1 1
Inspector:	أحصنها بنصلا بنسا
Status:	Compliant

Survival Surgery-Other

Comments	:
Inspector:	أحصنها شعا بتصا
Status:	Compliant

Imaging/Whole Body Irradiation*

imaging irradiation - location of resource limits contamination risk (Guide, p 147)

Comments	
Inspector:	
Status:	Compliant

imaging irradiation - appropriate transportation methods are in place (Guide, p 147)



imaging irradiation - gas anesthesia provision, scavenging and monitoring are appropriate (Guide, p 147)

Comments	
Inspector:	jenia jimb (ĉeten)
Status:	Compliant

imaging irradiation - appropriate sensors and ventilation are provided for cryogen gases (Guide, p 147) [must]



imaging console is located away from radiation source (Guide, p 147)

Comments	:
Inspector:	أستنقل لأسنا وانسا
Status:	Compliant

Imaging/Whole Body Irradiation-Other

Comments:		
Inspector:		
Status:	Compliant	

Hazardous Agent Containment*

hazardous - facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p 148) [must]



Hazardous Agent Containment-Other

Comments	
Inspector:	أحصنها الأصنع
Status:	Compliant

Behavioral Studies*

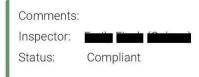
behavioral - facility minimizes airborne transmission of noise and ground-borne transmission of vibration (Guide, p 149)

Fill (^)
Compliant

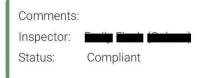
behavioral - floor coverings reduce sound transmission (Guide, p 149)

Comments	:
Inspector:	
Status:	Compliant

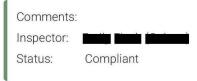
behavioral - testing equipment allows for surface disinfection (Guide, p 150)



behavioral - components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (Guide, p 150)



behavioral - housing areas are contiguous with testing areas when appropriate (Guide, p 150)



Behavioral Studies-Other

