



## Inspection Report

Toxikon Corporation  
15 Wiggins Ave  
Bedford, MA 01730

Customer ID: 147  
Certificate: 14-R-0101

Site: 001

TOXIKON CORPORATION

Type: ROUTINE INSPECTION

Date: 15-OCT-2018

### 2.31(c)(4)

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

In April of 2018, the escape of several rabbits from their enclosures was reported to the IACUC. Additional training on rabbit caging was provided to personnel. Three days after the training was conducted, two more rabbits escaped. No additional corrective action was taken at that time. From August to September 2018, six additional rabbits escaped from their enclosures. These incidents were all reported to the IACUC by facility personnel. No further action has been taken.

The enclosures at this facility are elevated off the floor on a rack system, and there is a substantial risk of injury to the rabbits upon escape from these enclosures. These incidents are recurrent despite the additional training provided by the facility in April. Further investigation of the underlying cause of the escapes is warranted to protect the animals from potential injury. It is the function of the IACUC to review and investigate reported concerns involving the care of animals.

To be corrected by: November 16th, 2018

### 2.32(a) CRITICAL

#### PERSONNEL QUALIFICATIONS.

On August 24, 2018, an animal was anesthetized for a study procedure. Two research associates were present to administer and monitor anesthesia. One was a senior employee who was training a junior employee in anesthetic procedures. The junior employee was responsible for pressure checking the anesthesia machine prior to the procedure.

The animal was intubated and its vitals were recorded. Eight minutes later, the animal's heart rate was noted to decline rapidly. The machine was checked and it was discovered that the pop-off valve had remained closed after the initial pressure check, leading to breathing complications. The veterinarian was immediately notified and

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Date:

23-OCT-2018



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resuscitation was attempted but was unsuccessful.

The anesthetic complications and subsequent death of the animal were the result of failure of personnel to correctly configure the anesthetic machine after the initial pressure check. It is the responsibility of the research facility to ensure that personnel involved in animal care, treatment, and use are qualified to perform their duties.

In response to this incident, the facility immediately conducted additional training on anesthetic machine use and there have been no additional related incidents. Corrected prior to inspection.

This inspection was conducted from 10/15 - 10/16/18. An initial exit interview was conducted on site on 10/16/18. A supplemental exit interview was conducted on site on 10/23/18.

### Additional Inspectors

Gladue Paula, Veterinary Medical Officer

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## Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
147	14-R-0101	001	TOXIKON CORPORATION	15-OCT-18

Count	Scientific Name	Common Name
000042	<i>Canis lupus familiaris</i>	DOG ADULT
002160	<i>Cavia porcellus</i>	DOMESTIC GUINEA PIG
000009	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000414	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000014	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
<b>002639</b>	<b>Total</b>	