



Internal Regulation Title	Specifications of Animal Satellite Facilities				
Date Last Revised	06/13/2018	Date Created	01/28/2005	Revision #	
Regulation Number	5	Required by:	<input type="checkbox"/> OHRP <input type="checkbox"/> Funding Agency <input type="checkbox"/> OLAW		
Applicability	<input type="checkbox"/> RGC Internal		<input checked="" type="checkbox"/> Researcher		<input type="checkbox"/> Institutional
Subgroup	<input type="checkbox"/> NKU Compliance	<input type="checkbox"/> IRB	<input checked="" type="checkbox"/> IACUC		<input type="checkbox"/> IBC

1.0 PURPOSE

The purpose of this regulation is to define specifications of NKU IACUC satellite locations.

2.0 GENERAL INFORMATION AND SCOPE

Satellite facilities are defined as containment areas outside the central/core animal facility where animals are housed for more than 24 hours.

Proper housing and management of animal facilities are essential to animal well-being, to the quality of research data and teaching or testing programs in which animals are used, and to the health and safety of personnel. A good management program provides the environment, housing, and care that permit animals to grow, mature, reproduce, and maintain good health. A good program provides for their well-being and minimizes variations that can affect research results. Specific operating practices depend on many factors that are unique to individual institutions and situations.

3.0 DETAILS

Investigators must review NKU IACUC internal regulations and procedures to ensure the procedures being performed in the room are consistent with NKU regulations and procedures regarding satellite housing.

Specification	Explanation
Security	Animals must be attended by an approved animal user for that protocol (i.e. approved animal user in the area) or held in a locked laboratory. As stated in the Guide for the Care and Use of Laboratory Animals Eighth Edition , facilities should have security features such as card-key systems or alarms.
Cleanliness	The area must be kept clean (i.e. free of dirt, blood, bedding, etc.) if being used on an ongoing basis. Procedure areas must be wiped down with an antimicrobial agent before and after animal use to minimize allergens and possible exposure to microorganisms/infectious agents. More stringent requirements are required for surgery. Please reference OLAW's training " Training in Survival Rodent Surgery. "
Occupational Health and Safety	All personnel exposed to animals in the procedure area must be covered under the Northern Kentucky University's Occupational Safety Program .
Justification	Justification for use of area must be provided to perform protocol procedures on live animals outside of existing inspected housing and procedure facilities. It must be based on necessity for the science (i.e. equipment cannot be secured, transported or stored on site; animals must be continuously monitored as part of the study, etc.).
Returning Animals	Animals must be returned to core animal housing facilities in accordance with the IACUC protocol and NKU IACUC regulations and procedures. All dirty cages must

	be returned to the core animal housing facilities within 24 hours to minimize researchers' exposure to allergens. Issues regarding possible contamination of core facilities by animals exposed to satellite areas should be resolved and approved in protocol review. If exposed animals pose a threat of contamination upon reintroduction to core areas, then they should remain housed in the satellite facility.
Environmental Requirements	According to <i>the Guide</i> , the room heating, ventilation and air conditioning system should provide 10 or more air changes of 100% fresh, non-recirculated air in a temperature range suited for the species involved, and between 30- 70% relative humidity.
Suggestions	If chemical or gas anesthetics are going to be used, it is recommended that a chemical fume hood be available in the room. Also suggested a space for secured compressed gas tanks, such as CO2 and sealed benches that can be sanitized. A sink with hot and cold running water should be available in the room and if controlled substances are used in the room, a secured lockable area should be available (e.g. locked cabinet, mounted lock box).

4.0 REFERENCES

OLAW's training "[Training in Survival Rodent Surgery](#)"
[Guide for the Care and Use of Laboratory Animals Eighth Edition](#)
[NKU Occupational Safety Program](#)

5.0 FORMS OR ATTACHMENTS

6.0 DEFINITIONS

Approvals

Title	Approved	Date Approved	Not Applicable
Manager of Research Compliance	<input checked="" type="checkbox"/>	06/13/2018	<input type="checkbox"/>
IACUC Chair	<input checked="" type="checkbox"/>	06/13/2018	<input type="checkbox"/>
Institutional Official	<input type="checkbox"/>		<input checked="" type="checkbox"/>

Revisions

Title	Approved	Date Approved	N/A	Summary
Manager of Research Compliance	<input type="checkbox"/>		<input type="checkbox"/>	
IACUC Chair	<input type="checkbox"/>		<input type="checkbox"/>	
Institutional Official	<input type="checkbox"/>		<input type="checkbox"/>	