

**DOD SEMIANNUAL PROGRAM REVIEW/
FACILITY INSPECTION CHECKLIST**

ORGANIZATION	DATE OF REVIEW (YYYYMMDD)
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Completion of this checklist by the IACUC during the semi-annual program review and facility inspection is mandatory. Mark X in the most appropriate category for each item. KEY: A = Acceptable; M = Minor deficiency; S = Significant deficiency (is or may be a threat to animal health or safety). Reference The Guide for the Care and Use of Laboratory Animals, 8th edition, for category details.

CATEGORIES	A	M	S	N/A
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SECTION I - ANIMAL CARE AND USE PROGRAM

1. PROGRAM MANAGEMENT				
a. PROGRAM MANAGEMENT RESPONSIBILITY				
(1) The Institutional Official				
(2) The Attending Veterinarian				
(3) The Institutional Animal Care and Use Committee				
(4) Collaborations				
b. PERSONNEL MANAGEMENT				
(1) Training and Education				
(a) Veterinary and Other Professional Staff				
(b) Animal Care Personnel				
(c) The Research Team				
(d) The IACUC				
(2) Occupational Health and Safety of Personnel				
(a) Control and Prevention Strategies				
(b) Hazard Identification and Risk Assessment				
(c) Facilities, Equipment, and Monitoring				
(d) Personnel Training				
(e) Personal Hygiene				
(f) Animal Experimentation Involving Hazards				
(g) Personal Protection				
(h) Medical Evaluation and Preventive Medicine for Personnel				
(3) Personnel Security				
(4) Investigating and Reporting Animal Welfare Concerns				
2. PROGRAM OVERSIGHT				
a. THE ROLE OF THE IACUC				
(1) IACUC Constitution and Function				
(2) Protocol Review				
(3) Special Considerations for IACUC Review				
(a) Experimental and Humane Endpoints				
(b) Unexpected Outcomes				
(c) Physical Restraint				
(d) Multiple Survival Surgical Procedures				
(e) Food and Fluid Regulation				
(f) Use of Non-Pharmaceutical Grade Chemicals and Other Substances				
(g) Field Investigations				
(h) Agricultural Animals				
b. POSTAPPROVAL MONITORING				
3. DISASTER PLANNING AND EMERGENCY PREPAREDNESS				

SECTION II - ENVIRONMENT, HOUSING, AND MANAGEMENT

4. TERRESTRIAL ANIMALS - ENVIRONMENT				
a. MICROENVIRONMENT AND MACROENVIRONMENT				
b. TEMPERATURE AND HUMIDITY				
c. VENTILATION AND AIR QUALITY				
d. ILLUMINATION				
e. NOISE AND VIBRATION				

CATEGORIES	A	M	S	N/A
SECTION II - ENVIRONMENT, HOUSING, AND MANAGEMENT (Continued)				
5. TERRESTRIAL ANIMALS - HOUSING				
a. MICROENVIRONMENT (PRIMARY ENCLOSURE)				
b. ENVIRONMENTAL ENRICHMENT				
c. SHELTERED OR OUTDOOR HOUSING				
d. NATURALISTIC ENVIRONMENTS				
e. SPACE				
(1) General Considerations for All Animals				
(2) Laboratory Rodents				
(3) Other Common Laboratory Animals				
(4) Nonhuman Primates				
(5) Agricultural Animals				
6. TERRESTRIAL ANIMALS - MANAGEMENT				
a. BEHAVIORAL AND SOCIAL MANAGEMENT				
(1) Activity				
(2) Social Environment				
(3) Procedural Habituation and Training of Animals				
b. HUSBANDRY				
(1) Food				
(2) Water				
(3) Bedding and Nesting Materials				
(4) Sanitation				
(a) Bedding/Substrate Change				
(b) Cleaning and Disinfection of the Microenvironment				
(c) Cleaning and Disinfection of the Macroenvironment				
(d) Assessing the Effectiveness of Sanitation				
(5) Waste Disposal				
(6) Pest Control				
(7) Emergency, Weekend, and Holiday Care				
c. POPULATION MANAGEMENT				
(1) Identification				
(2) Recordkeeping				
(3) Breeding, Genetics and Nomenclature				
7. AQUATIC ANIMALS - ENVIRONMENT				
a. MICROENVIRONMENT AND MACROENVIRONMENT				
b. WATER QUALITY				
c. LIFE SUPPORT SYSTEM				
d. TEMPERATURE, HUMIDITY, AND VENTILATION				
e. ILLUMINATION				
f. NOISE AND VIBRATION				
8. AQUATIC ANIMALS - HOUSING				
a. MICROENVIRONMENT (PRIMARY ENCLOSURE)				
b. ENVIRONMENTAL ENRICHMENT AND SOCIAL HOUSING				
c. SHELTERED, OUTDOOR, AND NATURALISTIC HOUSING				
d. SPACE				
9. AQUATIC ANIMALS - MANAGEMENT				
a. BEHAVIORAL AND SOCIAL MANAGEMENT				
b. HUSBANDRY				
(1) Food				
(2) Water				
(3) Substrate				
(4) Sanitation				
(a) Cleaning and Disinfection of the Macroenvironment				
(5) Waste Disposal				
(6) Pest Control				
(7) Emergency, Weekend, and Holiday Care				
c. POPULATION MANAGEMENT				
(1) Identification				
(2) Aquatic Animal Recordkeeping				

CATEGORIES	A	M	S	N/A
SECTION III - VETERINARY CARE				
10. ANIMAL PROCUREMENT AND TRANSPORTATION				
a. ANIMAL PROCUREMENT				
b. TRANSPORTATION OF ANIMALS				
11. PREVENTIVE MEDICINE				
a. ANIMAL BIOSECURITY				
b. QUARANTINE AND STABILIZATION				
c. SEPARATION BY HEALTH STATUS AND SPECIES				
d. SURVEILLANCE, DIAGNOSIS, TREATMENT, AND CONTROL OF DISEASE				
12. CLINICAL CARE AND MANAGEMENT				
a. MEDICAL MANAGEMENT				
b. EMERGENCY CARE				
c. RECORDKEEPING				
13. SURGERY				
a. TRAINING				
b. PRESURGICAL PLANNING				
c. SURGICAL FACILITIES				
d. SURGICAL PROCEDURES				
e. ASEPTIC TECHNIQUE				
f. INTRAOPERATIVE MONITORING				
g. POSTOPERATIVE CARE				
14. PAIN AND DISTRESS				
15. ANESTHESIA AND ANALGESIA				
16. EUTHANASIA				
SECTION IV - PHYSICAL PLANT				
17. GENERAL CONSIDERATIONS				
18. FUNCTIONAL AREAS				
19. CONSTRUCTION GUIDELINES				
a. CORRIDORS				
b. ANIMAL ROOM DOORS				
c. EXTERIOR WINDOWS				
d. FLOORS				
e. DRAINAGE				
f. WALLS AND CEILINGS				
g. HEATING, VENTILATION, AND AIR CONDITIONING				
h. POWER AND LIGHTING				
i. STORAGE AREAS				
j. NOISE CONTROL				
k. VIBRATION CONTROL				
l. FACILITIES FOR SANITIZING MATERIALS				
m. ENVIRONMENTAL MONITORING				
20. SPECIAL FACILITIES				
a. SURGERY				
b. BARRIER FACILITIES				
c. IMAGING				
d. WHOLE BODY IRRADIATION				
e. HAZARDOUS AGENT CONTAINMENT				
f. BEHAVIORAL STUDIES				
g. AQUATIC SPECIES HOUSING				
21. SECURITY AND ACCESS CONTROL				

SECTION V - REMARKS