

Workplace Hazard Assessment for Personnel with Animal Contact

Instructions: Complete this table for the hazards you may encounter while doing your assigned duties and include strategies to mitigate those hazards. Pages three and four can be used as a guide. Multiple forms may be used, as needed, to include all work areas and job functions within the department. This form will help you complete your Standard Operating Procedures (SOP).

Department:	Work Location(s):
Colleges:	Job Titles:

Hazards Present	Check All That Apply	Description of Hazard (What will you be doing?)	Hazard Mitigation Strategies		
			PPE	Training	Other Controls
1. Allergens, dust	<input type="checkbox"/>				
2. Biologically infectious materials	<input type="checkbox"/>				
3. Bites/Scratches	<input type="checkbox"/>				
4. Chemicals	<input type="checkbox"/>				
5. Compressed gases	<input type="checkbox"/>				
6. Crush, Kicks, Step on	<input type="checkbox"/>				
7. Electricity	<input type="checkbox"/>				

Hazards Present	Check All That Apply	Description of Hazard (What will you be doing?)	Hazard Mitigation Strategies		
			PPE	Training	Other Controls
8. Ergonomic hazard	<input type="checkbox"/>				
9. Heat	<input type="checkbox"/>				
10. Horns/Goring	<input type="checkbox"/>				
11. Machinery	<input type="checkbox"/>				
12. Noise	<input type="checkbox"/>				
13. Radiation, UV, Lasers	<input type="checkbox"/>				
14. Sharps, needle sticks	<input type="checkbox"/>				
15. Zoonotic agents	<input type="checkbox"/>				
16. Miscellaneous	<input type="checkbox"/>				

Assessment Completed by: _____ Signature: _____ Date: _____

All personnel having contact with animals must complete a [Hazard Inventory](#) for Occupational Exposure form.

Check any of the questions that apply to the duties that you will be performing while doing your job.

Hazard Assessment Questionnaire		
Check all that apply	Questions	Hazards to Consider ^A
	Do you have contact with any of the following animals:	
<input type="checkbox"/>	Chickens or other poultry?	1, 12, 15
<input type="checkbox"/>	Cats or dogs?	1, 3, 12, 15
<input type="checkbox"/>	Exotics or wildlife?	1, 3, 12, 15
<input type="checkbox"/>	Insects?	1, 3
<input type="checkbox"/>	Large livestock (horses, cattle)?	1, 6, 8, 10, 15
<input type="checkbox"/>	Mice, rats or other rodents?	1, 3, 15
<input type="checkbox"/>	Pigs?	3, 8, 12, 15
<input type="checkbox"/>	Sheep/goats?	1, 8, 10, 15
<input type="checkbox"/>	Do you work with animals in a confinement environment?	1, 9
<input type="checkbox"/>	Do you work with animals in the wild?	3, 15
<input type="checkbox"/>	Do you do general husbandry for animals (feeding, cleaning, etc)?	1, 8,
<input type="checkbox"/>	Do you change bedding of animals?	1, 3, 8
<input type="checkbox"/>	Do you move or transport animals?	8, 11
<input type="checkbox"/>	Do you do routine medical care on animals (inoculation, drawing blood, administering medication)?	4, 14
<input type="checkbox"/>	Do you perform surgeries or stand in close proximity while surgeries are occurring?	5, 14
	Do you perform euthanasia using any of the following means:	
<input type="checkbox"/>	Inhalant agents (carbon dioxide or monoxide, nitrogen)	5
<input type="checkbox"/>	Noninhalant chemical agents	4
<input type="checkbox"/>	Cervical dislocation	3
<input type="checkbox"/>	Decapitation	3, 11
<input type="checkbox"/>	Electrocution	7
<input type="checkbox"/>	Penetrating captive bolt or Gunshot	8
<input type="checkbox"/>	Do you perform necropsies on animals?	8, 11, 14
<input type="checkbox"/>	Do you lift or move things weighing over 50 lbs?	8
<input type="checkbox"/>	Do you perform repetitive tasks?	8
<input type="checkbox"/>	Do you work around machinery (tractors, cage washer, etc)	11, 12
<input type="checkbox"/>	Do you work in areas with low light or no light?	8
<input type="checkbox"/>	Do you work in areas that are extremely hot or extremely cold?	9
<input type="checkbox"/>	Do you use sharps (needles, knives, etc)?	14
<input type="checkbox"/>	Do you work in areas where there is a high likelihood of slips or trips?	8
<input type="checkbox"/>	Do you work with infectious biological agents?	2
<input type="checkbox"/>	Do you work with or are you potentially exposed to human blood or mammalian cells?	2
<input type="checkbox"/>	Do you work with chemicals?	4
<input type="checkbox"/>	Do you work with radiation or radiation producing devices such as lasers or UV?	13

^A The numbers in this column, correspond to the hazards listed in the “Hazards Table” on page 4

This table contains common hazards you may encounter while performing your job duties. The Mitigation Strategies can be used to complete “Your Hazards Table” on the Page 1. The suggested strategies are only suggestions and other mitigation strategies may be employed.

Hazards Table				
Hazard Number ^a	Hazard	Suggested Mitigation Strategies		
		Personal Protective Equipment	Other controls	Training
1	Allergens, dust	N95 mask	Become familiar with the Laboratory Animal Allergies factsheet	Login to the Learn@ISU to complete EH&S safety courses Subject Specific Training should be given by personnel with experience with this hazard. veterinarians, laboratory managers, etc. The following hazards can be mitigated with Subject Specific Training: <ul style="list-style-type: none"> • Biologically Infectious Materials • Bites/Scratches • Crush, Kicks, Step On • Horns • Radiation, UV, Laser
2	Biologically infectious materials	ISU required PPE ^b	Obtain approval for work from the Institutional Biosafety Committee	
3	Bites/scratches		Muzzle or other control mechanisms	
4	Chemicals	ISU required PPE ^b	Review SDS for chemicals used	
5	Compressed gases			
6	Crush, kicks, step on		Squeeze shoots or other controls when handling large animals	
7	Electricity			
8	Ergonomic hazard		Ergonomic monitoring by EH&S	
9	Heat			
10	Horns			
11	Machinery		Become familiar with User Manual about specific machinery	
12	Noise	Hearing protection	Hearing test from Occupational Medicine Noise monitoring by EH&S	
13	Radiation, UV, lasers	ISU required PPE ^b	Obtain approval for work from the Radiation Safety Committee	
14	Sharps, needle sticks		Become familiar with ISU's Sharps and Waste Disposal Policy	
15	Zoonotic agents	ISU required PPE ^b	Become familiar with the zoonotic agents you may be exposed to by reviewing factsheets for zoonotic diseases	

^a The numbers in this column correspond to the numbers in column 3 of the “Hazard Assessment Questionnaire”.

^b According to ISU policy, the minimum PPE that is required while working with laboratory hazards is lab coats or clothing protection, safety glasses or goggles, gloves, and closed toe and closed heel shoes. Deviation from this policy should be noted in your Standard Operating Procedures along with a risk assessment.