

APPENDIX “A”

HAZARD IDENTIFICATION REPORT			OLDS COLLEGE			
Department: School of Agriculture Animal Health Technology, Animal Science and DMP 209		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained		Assessor: Bill Harper Becky Taylor Dr. Dave Bjolin		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling Large Animals (sheep, cattle, horses)</i>	<i>Farm Animals on Olds College Farm</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior; bacteria</i>	<i>Engineering Administrative Personal Protective Equipment Controls</i>	<i>Medium</i>	<i>Refer to SOP in Coordinator’s Office; Education on handling large farm animals, Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Instructors and Instructional Assistant supervise each student</i>

<i>Handling small animals and collected samples</i>	<i>In AHT Cat/Dog areas</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior</i>	<i>Engineering (restraint tools) Administrative</i>	<i>Medium</i>	<i>Refer to SOP in Coordinator's Office, Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Every individual doing this process</i>
<i>X-ray (stand alone and portable)</i>	<i>In AHT Radiation room and sites where portable x-rays are required</i>	<i>Biological, Physical, tools and equipment</i>	<i>Engineering Administrative Personal Protective Clothing (use radiation badges to monitor safe levels of radiation)</i>	<i>Low</i>	<i>Refer to SOP in Coordinator's Office; Radiation Badges to monitor radiation level</i>	<i>Every individual doing this process</i>

<i>Diagnostic Lab Procedures</i>	<i>In Labs AHT Lab and DMP 209</i>	<i>Biological Physical Equipment</i>	<i>Administrative (training and supervision) Engineering Personal Protective Clothing</i>	<i>Medium</i>	<i>Refer to SOP AHT administrative offices; Refer to Personal Protective Equipment Policy; education and training, Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>All processes done by students are always under supervision</i>
<i>Surgery/anesthesia</i>	<i>AHT surgical prep and surgical suite</i>	<i>Biological Physical Equipment</i>	<i>Engineering Administrative Personal Protective Clothing</i>	<i>Medium</i>	<i>Refer to SOP in Instructor's office; Refer to Personal Protective Equipment Policy; education and training, Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>All anesthesia and surgical assistance done under strict supervision and control of a licensed veterinarian. All surgery performed by a licensed veterinarian.</i>

<i>Classroom Instruction, Office and surrounding AHT facilities</i>	<i>AHT area in Animal Science</i>	<i>Physical and environmental (extreme hot and cold temperatures, ventilation odors Ergonomic – doing repetitive tasks</i>	<i>Administrative</i>	<i>Low</i>	<i>Education for ergonomic concerns; Telephone calls to Campus Facilities for ventilation and temperature extremes</i>	<i>All individuals and students</i>
<i>Collecting specimens</i>	<i>College farm</i>	<i>Physical Biological</i>	<i>Administrative and Engineering Controls Personal Protective Equipment</i>	<i>Low</i>	<i>Education and training provided to all students Refer to Zoonoses Safe Work Procedures under OH S</i>	<i>All students under supervision; staff are responsible for ensuring proper process are followed for students and themselves</i>

APPENDIX “B”

HAZARD IDENTIFICATION REPORT			OLDS COLLEGE			
Department: School of Agriculture Beef Centre		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained)		Assessor: Bill Harper Neil French		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling/Processing of Livestock</i>	<i>Beef Center</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior; bacteria</i>	<i>Engineering Administrative Controls (drugs, hydraulic squeeze, handling pens)</i>	<i>High</i>	<i>Refer to SOP in Coordinator’s Office; Education on handling livestock, Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Instructors and Instructional Assistant supervise each student at all times</i>

<p><i>Diagnostic Procedures on Livestock</i></p>	<p><i>Beef Centre</i></p>	<p><i>Physical, biological and , environmental</i></p>	<p><i>Engineering Administrative PPE Administrative Controls (drugs, stalls, training, working in pairs)</i></p>	<p><i>High</i></p>	<p><i>Refer to Standard Work Procedure in Coordinator's office Refer to Personal Protective Equipment Policy in Coordinator's Office Attend education program Students are trained and supervised Telephone available for emergencies Refer to Zoonoses Safe Work Procedures under OH&S</i></p>	<p><i>Every individual doing this process</i></p>
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APPENDIX “C”

HAZARD IDENTIFICATION REPORT				OLDS COLLEGE		
Department: School of Agriculture Farm Shop		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained)		Assessor: Bill Harper Trevor Hamilton		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling/Processing of Livestock (cattle, swine, sheep, horses alpacas)</i>	<i>The Farm</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior; bacteria</i>	<i>Engineering Administrative Controls (handling pens, hydraulic squeezes, stalls, drugs)</i>	<i>High</i>	<i>Refer to SOP in Coordinator’s Office; Education and training on handling all livestock Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Each individual doing this process</i>

<i>Handling of Large Power Equipment (tractors)</i>	<i>The Farm</i>	<i>Physical, biological environmental , tools and equipment</i>	<i>Engineering Administrative PPE Administrative Controls</i>	<i>Medium</i>	<i>Refer to Standard Work Procedure in Coordinator's office Refer to Personal Protective Equipment Policy in Coordinator's Office Attend education program</i>	<i>Every individual doing this process</i>
<i>Handling of manual and power tools and equipment</i>	<i>The Farm</i>	<i>Physical, biological, environmental</i>	<i>Engineering, Personal Protective Equipment Administrative</i>	<i>High</i>	<i>Training and supervision of farm staff</i>	<i>Every individual doing this process</i>
<i>Cleaning and sanitizing the shop</i>	<i>Meat Lab in Animal Science</i>	<i>Chemical</i>	<i>Administrative and Personal Protective Equipment WHMIS</i>	<i>Low</i>	<i>Training and supervision</i>	<i>Every individual doing this process</i>

APPENDIX “D”

HAZARD IDENTIFICATION REPORT				OLDS COLLEGE		
Department: School of Agriculture Foaling Barn/Production Barn		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained)		Assessor: Bill Harper Lauren Basford Dr. Marion Anderson		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling Large Animals (Horses)</i>	<i>Foaling Barn Production Barn</i>	<i>Physical Environmental – danger from unpredictable animal behavior</i>	<i>Education PPE Administrative Controls (drugs, stalls and refusal to work with horse)</i>	<i>Medium</i>	<i>Refer to SOP in Coordinator’s Office; Education on handling horses</i>	<i>Instructors and Instructional Assistant supervise each student</i>
<i>Birthing/foaling</i>	<i>Livestock Pavilion</i>	<i>Physical – animal in distress Environmental – students observe mare and foal overnight</i>	<i>Engineering – radio and telephone controls Administrative – training and orientation</i>	<i>Medium</i>	<i>Refer to Standard Operating Procedures in Coordinator’s Office; Radio/Phone availability; Education</i>	<i>Every individual doing this process</i>

<i>Hand breeding large animals</i>	<i>Production Barn</i>	<i>Physical – danger from unpredictable behavior Chemical – manure Environmental – pushing and bending</i>	<i>Administrative Personal Protective Equipment – proper footwear and gloves</i>	<i>High</i>	<i>Refer to Standard Operating Procedures in Coordinator’s Office; All breeding and horse maneuvers are done under supervision Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Every individual doing this process</i>
<i>Tools and Equipment used in Barn and surrounding pens to feed horses and keep facilities clean and manure free</i>	<i>Foaling/Product ion Barn and surrounding equine penning</i>	<i>Tools and Equipment (tractor, wheelbarrow, rakes, shoves), Physical and Environmental</i>	<i>Engineering and Administrative Controls Personal Protective Equipment</i>	<i>Low</i>	<i>Refer to Standard Operating Procedures in Coordinator’s Office; Chores supervised</i>	<i>Every individual doing this process</i>

APPENDIX “E”

HAZARD IDENTIFICATION REPORT			OLDS COLLEGE			
Department: School of Agriculture AI/Cow Calf area in the Multi-purpose Livestock Centre (south end)		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained)		Assessor: Bill Harper Neil French		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling Livestock</i>	<i>AI Lab, Livestock Merchandising in Multi-purpose Livestock Pavilion</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior; bacteria</i>	<i>Engineering Administrative Controls (drugs, stalls, proper rough concrete floors)</i>	<i>High</i>	<i>Refer to SOP in Animal Science Front Office; Education on handling livestock Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Instructors and Instructional Assistant supervise each student at all times</i>

<i>Calving</i>	<i>Cow/Calf Lab in Multi-purpose Livestock Pavilion</i>	<i>Physical, biological and , environmental danger from unpredictable animal behavior; bacteria</i>	<i>Engineering PPE Administrative Controls (drugs, stalls, training, working in pairs)</i>	<i>High</i>	<i>Refer to Standard Work Procedure in Animal Science Front office; Refer to Personal Protective Equipment Policy in Animal Science Front Office Attend education program Students are trained and supervised Telephone available for emergencies Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Every individual doing this process</i>
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<i>Blacksmithing</i>	<i>Farrier Lab in Multi-purpose Livestock Pavilion; Client sites around the College</i>	<i>Physical Environmental Chemical Ergonomic Tools and Equipment – fumes, slag, anvils</i>	<i>Engineering PPE Administrative Controls</i>	<i>High</i>	<i>Refer to Standard Work Procedures in Coordinator's Office; Personal Protective Equipment Policy in Coordinator's Office; Student training and supervision</i>	<i>Every individual doing this process</i>
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APPENDIX “F”

HAZARD IDENTIFICATION REPORT			OLDS COLLEGE			
Department: School of Agriculture Meat Lab Area/		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained		Assessor: Bill Harper Brad McLeod		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling/Processing of Livestock (cattle, swine, sheep)</i>	<i>Meat Lab in Animal Science</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior; bacteria</i>	<i>Engineering Administrative Controls (handling pens and knocking boxes)</i>	<i>Medium</i>	<i>Refer to SOP in Coordinator’s Office; Education and training on handling all livestock, Refer to HACCP Procedures in Coordinators Office</i>	<i>Instructor and Instructional Assistant supervise each student at all times</i>

<p><i>Processing of Carcass into Meat Consumer Products</i></p>	<p><i>Meat Lab in Animal Science</i></p>	<p><i>Physical, biological environmental , tools and equipment</i></p>	<p><i>Engineering Administrative PPE Administrative Controls</i></p>	<p><i>Medium</i></p>	<p><i>Refer to Standard Work Procedure in Coordinator's office Refer to Personal Protective Equipment Policy in Coordinator's Office Attend education program Students are trained and supervised at all times Refer to HACCP Procedures in Coordinators Office</i></p>	<p><i>Every individual doing this process</i></p>
<p><i>Handling of manual and power tools and equipment</i></p>	<p><i>Meat Lab in Animal Science</i></p>	<p><i>Physical, biological, environmental</i></p>	<p><i>Engineering, Personal Protective Equipment Administrative</i></p>	<p><i>High</i></p>	<p><i>Training and supervision at all times, Refer to HACCP Procedures in Coordinators Office</i></p>	<p><i>Every individual doing this process</i></p>

<i>Cleaning and sanitizing the shop</i>	<i>Meat Lab in Animal Science</i>	<i>Chemical</i>	<i>Administrative and Personal Protective Equipment</i>	<i>Low</i>	<i>Training and supervision</i>	<i>Every individual doing this process</i>
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APPENDIX “G”

HAZARD IDENTIFICATION REPORT				OLDS COLLEGE		
Department: School of Agriculture Farm - Sheep Areas-Heritage Barn and South Sheep Barn		Date: September 15, 2009 (to be revised at least annually & whenever there is a job task change or new equipment is obtained)		Assessor: Bill Harper Dr. Corinne Eliason		
Job Task/Activity/ Equipment	Location/Work Area/Program Area	Hazard(s)	Control(s)	Risk Ranking	Action	Responsibility
<i>Handling/Processing of Sheep including handling and movement, breeding</i>	<i>Heritage Barn, Ram Test Station and South Sheep Barn</i>	<i>Physical, biological and environmental – danger from unpredictable animal behavior; bacteria</i>	<i>Engineering Administrative Controls (drugs, hydraulic squeeze handling pens)</i>	<i>Low</i>	<i>Refer to SOP in Coordinator’s Office; Education on handling sheep Refer to Zoonoses Safe Work Procedures under OH&S</i>	<i>Instructors and Instructional Assistant supervise each student at all times</i>

<p><i>Diagnostic Procedures on Sheep including lambing, vaccination and other health procedures such as foot trimming, shearing</i></p>	<p><i>Heritage Barn, Ram Test Station and South Sheep Barn</i></p>	<p><i>Physical, biological and , environmental</i></p>	<p><i>Engineering Administrative PPE Administrative Controls (drugs, stalls, training, working in pairs)</i></p>	<p><i>Low</i></p>	<p><i>Refer to Standard Work Procedure in Coordinator's office Refer to Personal Protective Equipment Policy in Coordinator's Office Attend education program Students are trained and supervised Refer to Zoonoses Safe Work Procedures under OH&S</i></p>	<p><i>Every individual doing this process</i></p>
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