

Artificial Insemination of Dairy Cattle

AgSafe

Safe Work Procedure

Safe Work Procedure Number:









Date Approved:

Date Revised:

DO NOT perform this procedure until you have been appropriately trained and authorized to do so by your supervisor.

Required Training: Cattle handling, WHMIS 2015 and AI Technician Training

Required Personal Protective Equipment and Devices

	Eye Protection Required
	Long or loose hair must be tied back or contained
	CSA Approved Safety Footwear Required
	Hearing Protection Required
	Cold Resistant and long arm veterinary gloves
	Protective clothing required
	No jewelry, watches, rings, necklaces etc...
	No loose fitting clothing

Potential Hazards: animal kicks, cow attack, chemical/ frost burn from liquid nitrogen in flask, oxygen displacement if liquid nitrogen spill occurs, zoonotic illness.

Pre-Operational Safety Checks: Ensure handling facilities and equipment are in good working order.

Procedure

Before you start

1. Inspect required personal protective equipment and replace if required
2. Put on all required personal protective equipment
3. Restrain cow in an appropriate headlock restraining device

While you're working

1. Remove frozen AI straw from liquid nitrogen flask
2. Place straw into thawing bath using the appropriate tweezers
3. Remove thawed straw from bath and insert into AI syringe
4. Prepare cow for insemination and inseminate in accordance with technician training procedure

After you finish

1. Release the cow from restraint and record AI event
2. Remove personal protective equipment
3. Wash hands thoroughly with soap and warm water

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.

Date Written:
Procedure Developed by:
Approved by:
Date Revised:
Date Approved:

Please use the following **Safe Work Procedures** as a guideline to building your own safe work procedures.