

# MINNESOTA PIPELINE PROJECT

## PRIVATE INVESTMENT, PUBLIC EDUCATION LABOR AND INDUSTRY EXPERIENCE

### Occupational Competency Summary

**Swine Manager** – A Swine Manager is one who leads a team in the processes of caring for and administering to sows and piglets to assure optimum productivity. Swine Managers are often responsible for all aspects of animal care, facility repair and maintenance at the site.

#### Industry-Sector Technical Competencies

- Record Keeping – Knowledge of record keeping procedures regarding production, economics and herb issue troubleshooting.
- Employee Management/Training – Understand employee management principles and training techniques.
- Animal Genetics – Training on animal genetics and how to manipulate breeding to create improved herds.
- Herdsman Skills – Knowledge of skills required of a herdsman.
- Animal Science – Understanding of the science and business of producing domestic livestock species.
- Animal Quarters Maintenance – Knowledge of principles used in the upkeep and maintenance of animal living space.
- Animal Husbandry – Understanding of the care and breeding of domestic livestock.
- Marketing – Knowledge of the principles of marketing livestock products.

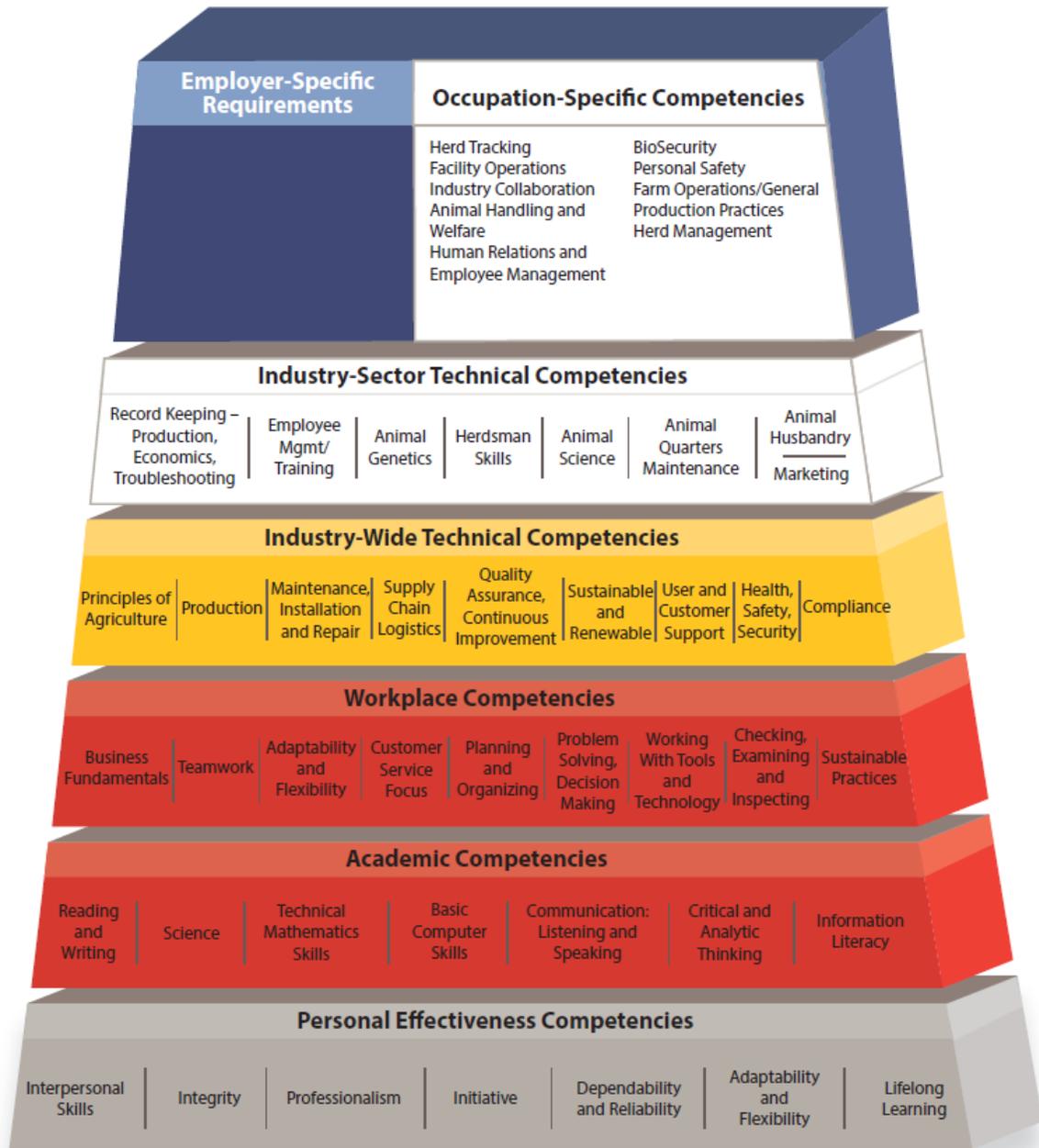
#### Occupation-Specific Competencies

- Herd Tracking – Ability to use tools to track herd information.
- Facility Operations – Management of all systems and controls of the facility including ventilation, feeding and watering.
- Industry Collaboration – Introduction to opportunities to collaborate with other businesses within the agricultural industry.
- Personal Safety – Ability to use proper industry standards to maintain a safe work environment to ensure personal well-being.
- Food Production/Nutrition – Awareness of livestock food production and essential nutrition.
- Animal Handling & Welfare – Ability to properly handle livestock with attention to their welfare.
- Human Relations and Employee Management – Understanding of proper human relations and managing staff.

- Biosecurity – Knowledge of procedures intended to protect livestock animals against disease or harmful biological agents
- Farm Operations/General Production Practices – Awareness of general farm and animal production practices and the operations required for successful farm business.
- Herd Management – Use sound management techniques to track livestock in regards to performance, inventory, and prevent costly mistakes.

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## Competency Model for Agricultural Occupation: Swine Manager



Based on: Competency Model for Employment and Training Administration, United States Department of Labor.

## Swine Manager Occupational Competency Training Plan

*Related Instruction means an organized and systematic form of instruction designed to provide the apprentice with the knowledge of the theoretical and technical subjects related to the apprentice's trade of occupation, or industrial courses or, when of equivalent value, by correspondence, electronic media, or other forms or self-study approved by the commissioner.*

	<b>Course</b>	<b>Course Description</b>	<b>Credit/Non-Credit</b>	<b>Hours Spent on Competency</b>
	Record Keeping – Production, Economics, Troubleshooting			
	Employee Management and Training			
	Animal Genetics			
	Herdsman Skills			
	Animal Science			
	Animal Quarters Maintenance			
	Animal Husbandry			
	Marketing			

*On-The-Job Training is the work experience and instruction. Training experience need not be in the exact order as listed below.*

	<b>Trainer/Instructor</b>	<b>Name of person responsible for verifying competency mastery</b>	<b>Hours spent on competency</b>
	Herd Tracking		
	Facility Operations – Ventilation, Feeding & Watering Systems and Controls		
	Industry Collaboration		
	Personal Safety		
	Food Production/Nutrition		
	Animal Handling & Welfare		
	Human Relations and Employee Management		
	Biosecurity		

Farm Operations / General Productions Practices			
Herd Management			