

1XXXXX**Maintain pig hygiene & effluent systems**

Kaupae Level	3
Whiwhinga Credit	10
Whāinga Purpose	<p>People credited with this skill standard will be able to apply routine hygiene procedures and basic effluent system operation on a pig farm. People are able to clean procedures, monitor effluent systems, and identify environmental risks under supervision. This includes using appropriate products, equipment, and protective measures to ensure unit hygiene, system function, and farm compliance with environmental standards. People apply known solutions to familiar problems and perform structured tasks under guidance, following farm procedures.</p> <p>This skill standard has been developed to align with the New Zealand Certificate in Pork Production (Stockperson) with an optional strand in Farrowing Care (Level 3) [Ref: 2525]</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Carry out cleaning and disinfection of pig housing	a. Appropriate cleaning and/or disinfectant products are selected, mixed to correct dilution, and applied following manufacturer and accepted industry practice.
	b. Cleaning is carried out correctly, including removal of organic matter and preparation of the area.
	c. Describe the benefits for the pigs when their housing is clean.
2. Monitor and maintain effluent systems	a. Routine system checks are performed following farm procedures.
	b. Corrective actions are identified and implemented under supervision.
3. Describe effluent system layout, treatment stages, and risks	a. Describe and identify key effluent system components.
	b. Effluent treatment stages are explained in sequence.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
4. Follow health & safety, and environmental farm procedures	a. PPE is selected and used appropriately for chemical handling and effluent work.
	b. Hazards are identified for cleaning and disinfection and effluent tasks, including confined spaces and chemical exposure.
	c. Describe at least two environmental risks including cause and potential impact for both.
	d. Safe operating procedures and emergency response actions are followed.
	e. Describe through examples how effluent handling, storage, and management practices minimise risks and benefits the environment.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

Assessment samples must provide naturally occurring evidence from real, simulated, or scenario-based activities in a farm context.

All evidence presented in this skill standard must be in accordance veterinary guidelines and worksite procedures.

All activities and evidence must meet the requirements of worksite procedures, accepted industry practice, legislation and any subsequent amendments.

All activities relevant to this standard should reflect ngā kaupapa (the principles) o te Tiriti o Waitangi.

All activities must, as relevant to candidates and/or this standard, reflect the peoples of the Pacific and other cultures, and their world views.

Range

Observation of one complete cleaning and disinfection cycle, including product use, verification, and log completion.

Records of at least three effluent system checks (e.g. pH, solids, flow), with follow-up and corrective actions.

Diagram or oral/written explanation of effluent system layout, treatment stages, and environmental risks.

Observation and/or questioning confirming safe practices around disinfection and effluent tasks, including PPE use and hazard identification.

Definitions

Worksite procedures refer to the policies and procedures set out in a verbal or written form by the employer or organisation.

Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider industries as examples of best practice.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Cleaning and disinfection Procedures

- Cleaning: scraping, dry wiping, re-siting huts, fresh bedding.
- Detergent use: selection, dilution, application, surfactant, foam.
- Disinfectants: types (e.g. quats, iodine-based), contact time, safety.
- Evidence could be scenario based as some farms may not use disinfectants.
- Equipment to clean: troughs, drinkers, flooring.
- Cleaning equipment: Brushes, hoses, water blaster
- Cleaning and/or disinfection frequency
- Maintaining clean housing for pigs enhances their health, growth, welfare, and farm productivity.

Effluent System Components and Maintenance

- Layout: collection pits, underground pipes, settling ponds, storage tanks, screening and agitation equipment, composting, effluent irrigation operation and control.
- Monitoring tools: pH meter calibration, visual solids checks, flow meters.
- Maintenance: desludging schedules, blockage response, inspection frequency.

Environmental Risks

- Nutrient leaching, runoff, odour nuisance, pathogen spread (e.g. slatted floors, collection sumps, settling ponds, storage lagoons).
- Consent conditions: discharge limits, setbacks, buffer zones (e.g. separation, storage, land application).
- Recordkeeping for compliance (e.g. application site and quantity).

Health, Safety & Environmental Care

- PPE use: gloves, masks, waterproof clothing, eye protection (e.g. goggles, respirators), harnesses, gas detectors.
- Confined space awareness: signage, ventilation, buddy systems.
- Chemical handling: MSDS sheets, emergency showers, spill kits (e.g. for chemical spills or gas exposure), first aid, washing facilities.
- Waste management: chemical storage, correct labelling, environmental spill response.

Rauemi | Resources

Legislation and codes of practice relevant to this skill standard includes but is not limited to:

- NZ Pork Guidelines are available on request from NZ Pork. www.nzpork.co.nz.
 - NZPork Guidelines for developing Biosecurity farm plans
 - NZPork Transport Biosecurity Guidelines
- Agricultural Compounds and Veterinary Medicines Act 1997 [Agricultural Compounds and Veterinary Medicines Act 1997 No 87 \(as at 30 November 2022\), Public Act Contents – New Zealand Legislation](#)
- MPI Code of Welfare: Pigs 2018 [Code of Welfare – Pigs](#)
- Biosecurity Act 1993 [Biosecurity Act 1993 No 95 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#)

- Health and Safety at Work Act 2015 [Health and Safety at Work Act 2015 No 70 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#)
- Biosecurity (Meat and Food Waste for Pigs) Regulations 2005
- Animal Status Declaration forms for pigs

and any subsequent amendments or replacements.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Muka Tangata – People Food and Fibre Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Pork Production > Health and Nutrition
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0052

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	<type here>	[dd mm yyyy]	[dd mm yyyy]
Arotakenga Review	<type here>	[dd mm yyyy]	[dd mm yyyy]
Kōrero whakakapinga Replacement information	This skill standard will replace Unit standard		
Rā arotake Planned review date	31 December 2030		

Please contact Muka Tangata – People Food and Fibre Workforce Development Council at qualifications@mukatangata.nz to suggest changes to the content of this skill standard.