

Cleaning Fertiliser Tanks

Safe Operating Procedures | Almond farms | English transcript

General information only. Your host will provide the exact site procedure, machine instructions, PPE requirements and practical training before you start work. This video does not authorise equipment operation.

0:04 Before you start

This video provides general information for workers on almond farms. Before you start work, your host employer will explain the exact safe operating procedure, machine instructions and personal protective equipment required at your site. This video supports training. It does not replace practical training, assessment, supervisor sign-off or a training record. English is the authoritative version.

0:39 Step 1

Training/Safety

Potential risk.

Workers unsure of the process which may lead to unwanted events which may result in injury, fatality or damage to equipment.

Risk treatment.

At the end of this training, which includes the practical component, if you are unsure of the process do not proceed. Contact your Supervisor and the Orchard Manager immediately.

If at any time during this process you feel unsafe you are authorised and expected to stop. Contact your Supervisor and the Orchard Manager immediately.

1:21 Step 2

Pre-start/safety meeting

Potential risk.

Employees not aware of traffic management requirements may lead to serious collision resulting in injury to operator and damage to equipment.

Poor communication when machinery is moved from block to block.

Employees with language barriers may not understand traffic management plans.

Employees taking short cuts through headlands may lead to collisions, resulting in injury to employees and damage to equipment.

Risk treatment.

Employees **MUST** attend morning pre-starts in front of the orchard activity board.

host employer management **MUST** communicate daily work plan and safety information which includes but is not limited to traffic management.

Team supervisors **MUST** reiterate daily work plan and safety matters to their teams.

If there are language barriers, an interpreter must be used to communicate information.

If traffic management changes throughout the day host employer management and supervisors are responsible for communicating changes to employees and updating the orchard activity board.

2:41 Step 3

Receive work instruction

Potential risk.

Incomplete job

Injuries

Damage to equipment

Risk treatment.

Get staff to repeat instruction back to ensure everyone is clear on the job and intended outcome.

3:02 Step 4

Pre-start check of equipment and gather tools

Potential risk.

Broken/damaged equipment is used

Incorrect tools/no tools being brought to the job site

Risk treatment.

Pre-start check equipment

Check and test tools/straps for any damage. Report and tag out if damaged

3:27 Step 5

Set up machine in a safe position

Potential risk.

Damage to equipment

Uncontrolled machine movement

Injuries to people

Risk treatment.

Inspect work area before positioning machine

Apply handbrake

Chock wheels

Use a spotter to assist if necessary

3:52 Step 6

Place gas monitor into tank

Potential risk.

Hazardous gas levels causing injury/death

Risk treatment.

Ventilate tanks

Use truck vacuum to displace air

Continually monitor gas levels, use second person to also monitor

Record all levels on the confined space entry form

4:16 Step 7

Set up harness, lanyard and winch

Potential risk.

Damage to equipment

Equipment failure causing injury or hampering rescue in an emergency

Risk treatment.

Competent person must set up the equipment and the person entering the tank must also inspect the equipment before entering the tank

Check operation of equipment

Access points should be large enough to allow people wearing the necessary protective clothing and equipment to pass through, and to permit the rescue of all people who may enter the confined space

4:57 Step 8

Enter tank and vacuum out waste

Potential risk.

Splash from water/fertiliser on bottom of the tank

Slipping and/or falling into the tank when entering

Drowning

Substances stored in a confined space may result in a lack of oxygen, airborne contaminants, or a flammable atmosphere within the confined space

Other hazards may arise from work activities, products or by-products in or around the confined space

Risk treatment.

Mandatory PPE (positive sealed goggles, rubber soled boots, coveralls/waders and chemical gloves must be worn)

Use good quality rubber soled boots to prevent slips and falls

The tank must be as emptied from the top as much as it can be, minimising the time a person needs to be in the tank

Note: The person entering the tank and the spotter **MUST** be confined space trained and provide evidence of training

The host employer Confined Space Permit **MUST** be completed prior to entering the tank

The person entering the tank **MUST** sign on to the confined entry form when entering and exiting the tank

Gas monitoring must be undertaken prior to entry and for the duration of the person being in the tank to monitor potential substances stored in a confined space which may result in a lack of oxygen, airborne contaminants or a flammable atmosphere within the confined space.

Note: Any air monitoring in a confined space **MUST** be carried out by a competent person using a suitable, correctly calibrated gas detector

Attach harness to person entering the tank so that if there is an emergency they can be lifted out of the tank

A second person with confined space training must be in constant communication with the person entering the tank to monitor the process and be on stand by in the event of an emergency. The second person must not enter the confined space but merely monitor the process for any signs of danger

Ensure everyone is clear of the safe passage of entry in and out

7:26 Qualifications and experience

Qualifications and experience.

All employees/ workers must be trained, hold relevant licenses, and be assessed as competent before operating any equipment on host employer sites. there must be safety induction records with the workers' name on the records. where licenses are required a copy of this must be on site file or personal file.

7:54 Duties and responsibilities

Duties and responsibilities.

All employees/ workers must adhere to host employer policies and procedures and report any concerns and incidents immediately to their manager/ supervisor. it is the responsibility of both host employer onsite management and contractor companies to identify language barriers and provide interpreters where required.

8:23 Training required

Training required.

All employees/ workers must have been inducted to the site and deemed competent in relevant Safe Operating Procedure and site traffic management plans. site managers must sign off all Safe Operating Procedure before employees/ worker start work on site or equipment. training should be completed by a competent person or training organization.

8:52 Codes of practice and legislation

Codes of practice and legislation.

All employees/ workers must adhere to codes of practice, standards and guideline, whs and ohs acts and regulations.

9:09 Plant, equipment and PPE

Plant, equipment and PPE.

Job specific protective personal equipment (ppe) must be identified and worn when required (i.e. positive sealed goggles with a strap when using compressed air). PPE is a shared responsibility between your host employer and Orchard Tech. Your host employer will provide the PPE required for your task. If the required PPE has not been supplied, stop work and contact Orchard Tech. workers to wear all outdoor ppe where required – wear positive sealed eye protection, gloves, hat, sunburn cream, steel capped boots, long sleeve shirts and long trousers. hi viz clothing must be worn at all times.

10:05 Maintenance checks

Maintenance checks.

If a vehicle, plant, equipment, or machinery is found to be defective or damaged, it must be tagged with 'out of service' tag until repaired and isolation register completed. daily pre-start/ pre-shift checks and post-checks if required are to be completed and recorded in all instances. maintenance teams are responsible for all maintenance on equipment. workers can only undertake maintenance if they have been adequately trained in the relevant process.

10:44 Before work starts

This video provides general information. Before you start work, your host employer will explain the exact procedure and provide practical training for your site. This video does not replace assessment, supervisor sign-off or a training record. If you do not understand something, use the English or talk to your supervisor at the host employer site. The host will provide you with an interpreter.

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