













OME SHE Learning

Learning number FY24-06 (Potential HSI)

Operating Entity Natref

Date of incident 15/01/2024

Incident type	Occupational Safety	Process Safety	Environment	Product Transportation	Health	Security	Equipment Damage	PSF
	X							

Relevant Life Saving Rules												
	Comply with the Work Permit	Control Lifting Operations	Control Confined Space	Line of Fire	Follow LOTO Procedures	Working at Height	Control Ignition Sources	No Alcohol or Drugs on Site	Control Hazards When Excavating	Wear Correct PPE	Bypassing Safety Controls	Obey Road Safety Rules

Relevant Process Safety Fundamentals									
	Double Isolation	Product Transfer	Safety Critical Devices	Adhere to SOP	Walk the Line	Process Changes	Completeness of Box-up	Safe Making	Respond to Alarms

Key Undesirable Event Person falling from elevated position.

Description of the incident A learner process controller descended a cat ladder at F15002 with a donned airline mask. She lost control of her descent and fell approximately two meters to the ground. She fractured the right femur (thighbone).

Underlying and root causes

- UC1 – The injured person (IP) realised the wrench was the incorrect size for the application.
- UC2 – Inadequate refurbishment of the globe valve during the shutdown.
- RC 1 – The IP stepped on the front quarter of boot, instead of the safer method of stepping in the middle of the boot.
- RC 2 – The IP's (artificial) nails were long and extended into her gloves, affecting the hands grip.
- RC 3 - The IP did not identify the risks associated with hanging the wrench on the cat-ladder rung.

Key learning and control improvement recommendations

1. When assigning duties to employees, especially learner employees, ensure that the employee is comfortable and confident to do the job on their own when doing it for the first time. Even though declared competent.
2. Ensure that cat-ladders and walkways are clear from any obstructions. Learner employee most probably stepped on the wrench which she hanged on the cat ladder rung.
3. Good practice for climbing cat-ladders must always be applied, i.e., hands free, and one foot stepping on middle of the foot.
4. To ensure proper hand grip that the nails (including artificial nails) of employees who are required to wear gloves when climbing cat-ladders must be cut short to fingertips length.

Identification of standard or good practice related to the incident.

Three-point contact

Pictures



Area where IP was standing when she lost control.

To prevent future incidents, it is recommended that this incident learning is appropriately shared and implemented by relevant persons in your Operating Model Entity, where applicable.