

Group SHE Learning



Learning number: FY19 001

Operating Entity: All

Incident type: Environment ☐ Equipment damage ☐ Health ☐ Occupational safety ☒
Process safety ☐ Security ☐ Transport safety ☐

Life saving rules:



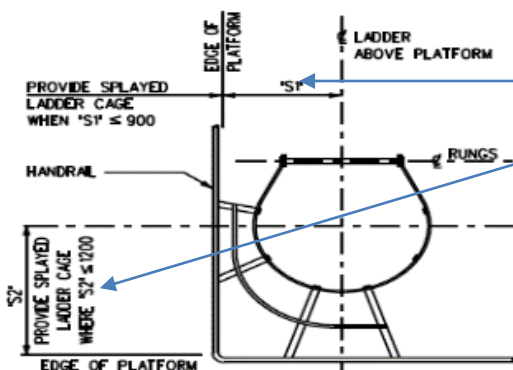
KUE: KUE – Falling from heights

Incident description:

There were two incidents in Sasol Group where people slipped and fell over the platform handrail whilst descending cat ladders. The individuals fell between 20m and 6m and the incidents resulted in hospitalisation of 11 and 14 days respectively. Both these incidents were classified as potential level 1 High Severity Incidents.

Key learnings and control improvement recommendation:

- Where the landings of cat ladders are above ground level i.e. cat ladder landings are on elevated platforms where there is a risk of falling over the platform safety hand rail, the following safety rules will apply:
 - A splayed cage shall be installed to remove the risk of falling over the safety hand rail according to Sasol specification STDD – 2001. See picture below;
 - If a splayed cage cannot be installed in time, the immediate acceptable temporary safety measure will be the installation of a solid barrier, e.g. scaffolding;
- Ensure when ascending or descending a cat ladder that the hands form a firm grip on the ladder rungs and not the sides (stiles) of the cat ladder;
- When stepping on the cat ladder, make sure of footing. Do not climb with toes, but do so that the rung is on the middle of the boot to prevent slipping.
- Note: the chin strap played a significant role of mitigation during the cat ladder incident



A splayed cage shall be installed:

- If the distance between the middle of the cage and the handrail (S1) is less than 900mm;
- If the distance between the middle of the cage and the handrail to the back (S2) is less than 1200 mm;

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.

Together towards ZERO HARM and SUSTAINABILITY