



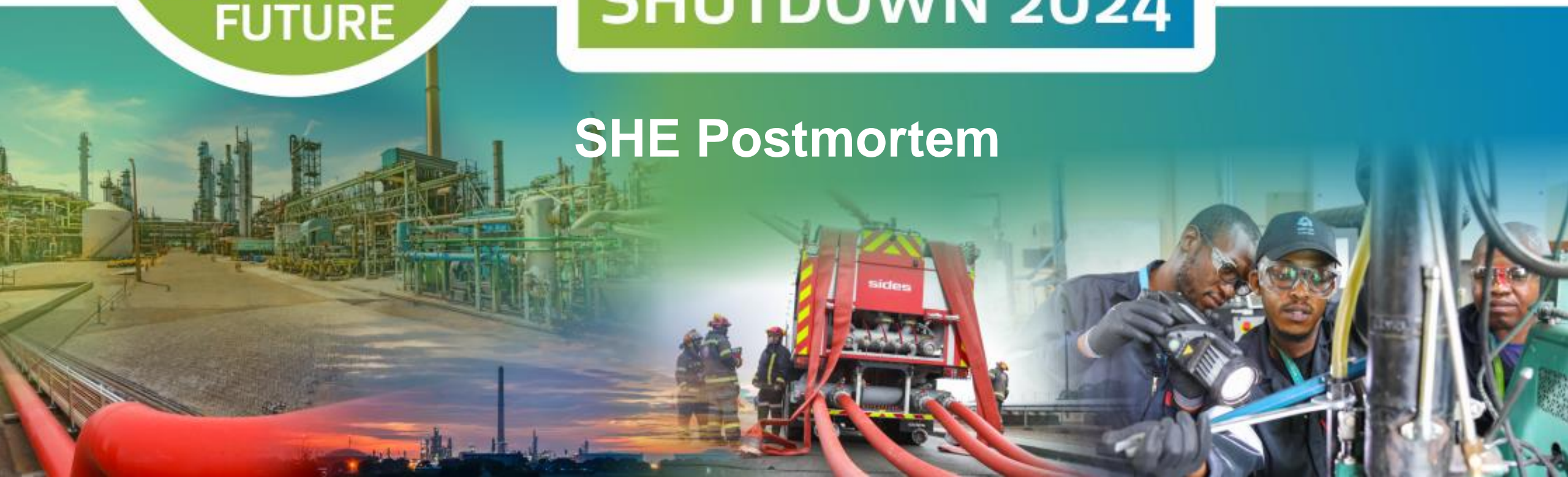
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100% RESPONSIBILITY **ZERO EXCUSES**

SHUTDOWN 2024



SHE Postmortem



Accident Statistics

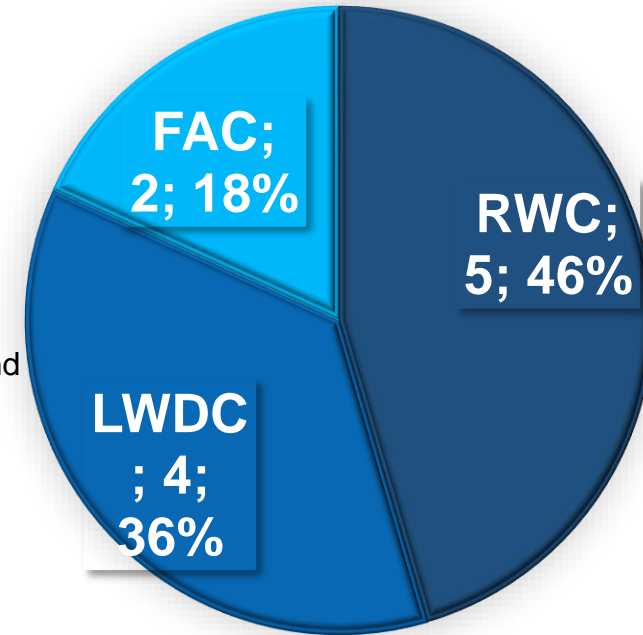


4 LWDC

- While loosening a flange at F25002 using a torque machine, the injured person's right index finger got caught between the torque machine and F25002 inlet/outlet pipe. (High Severity Incident).
- While the HP Operator was busy performing HP cleaning inside the Column E17002, the high-pressure water penetrated the employee's gumboot, and he sustained an injury to his right foot.
- During the installation of an 88mm nut onto a stud, the wedge used to lift the stud slipped and the nut and stud assembly fell onto the IP injured right little finger.
- While using a flapper disc and grinder to prepare the pipe for welding activities, the IP cut himself on the bridge of his nose

5 RWC

- A Service Provider Rigging Supervisor was walking in the plant, at D25001B, to inspect the slue area of a crane. He tripped and fell over a portable flood light that was placed in a walkway. The injured person sustained a laceration on his left shin and on the bridge of his nose.
- While Interwaste employee was shifting a drum filled with catalyst, his left index finger was pinched in between two drums.
- Prommac employee was grinding inside B25001 transfer line when he experienced an irritation in his right eye.
- While the injured was walking out of a mobile bathroom, she overstepped, lost her balance and fell spraining her ankle.
- Person cut his finger whilst installing sheet metal at B28008.



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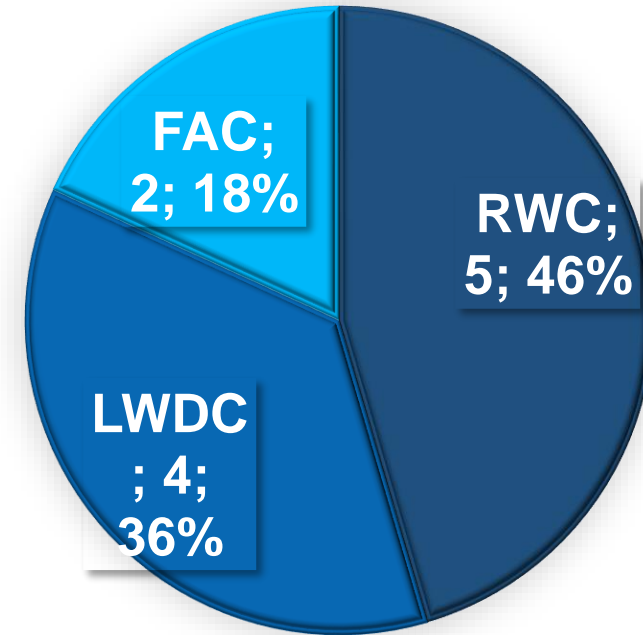
SHUTDOWN 2024

Accident Statistics



2 FAC

- A Service Provider boilermaker was cutting a beam at B28008 using an Oxygen/Acetylene set, a flash fire occurred from the acetylene line resulting in facial burns.
- While the injured person was in the process of gas cutting a bolt inside a vessel, he smelled a peculiar odor



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EMS Safety Loan Equipment Management



Stock

- Additional Equipment borrowed from Sasol Secunda and from Sasol 1 site (Value borrowed R6 million)
- All items borrowed returned with no losses (in better condition)
- Single ownership applied when borrowing airline equipment
- Zero Loss of any safety equipment
- Equipment managed from 4 Shipping containers on site with 4 storeman per container covering 24hours.
- Electronic control system tested at one container where access cards utilized to book out equipment and results where positive.
- Individual access and egress blocked at gate if individual did not return equipment.
- Lab staff brought in to help with cleaning and collecting of equipment on site.
- All Airline equipment electronically certified (Smartcheck machine prior to shutdown)
- Special windup trollies for airlines utilized on site.
- All Airline mask training outsourced to SASOL



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SHUTDOWN 2024

EMS Preplans and Activities



- Over 210 PDAs attended by EMS
- Applicable rescue plans compiled by EMS with input from Operations
- Setup of continuous mitigation by EMS where required.
- Large number of mitigation equipment setup for high risk activities
- Daily standby by EMS staff on high risk activities involving Flare line activities and B – Entries
- Active involvement in PSSRs
- Rescue drill performed by EMS staff prior to shutdown on high risk activities



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SHUTDOWN 2024

Level 1 Standby Staff



EMS Managed staff

- 450 Level 1 staff management by EMS
- 22 Training session completed to align standby staff to Natref shutdown requirements
- Administrated time keeping, absence, safety talks etc.
- Provision of specialized safety equipment from standby staff, fire extinguishers, gas monitors etc.



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Training concerns



Slow turnout to complete necessary training on airline equipment and other applicable training

Delays with service providers to book training at SASOL causing back log.

No dedicated training for Standby Supervisors

Confusion with order dates from Operation unit causing delay in certain areas standby staff training.



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Successes



- Traffic was well managed, and deviations was corrected.
- No fires of notable value
- Good support from SP SHE Officers
- Good post incident management (Collection of evidence, photos, investigations, etc.).
- Good communication from T&I SHE to SP management.
- NO Fatality



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SHUTDOWN 2024

Challenges



- Too many Service Providers safety officers on site
- Canteen management caused massive delays
- Massive overcrowding of smoke huts
- Hazards and Risks not identified as per requirements identified on our various documents e.g. TRIC, LSR, KUE
- KUE being used as a tick box exercise
- Supervisors understanding of the procedures and processes was questionable
- Cable and hose management was not up to standard – S Hooks were available in the stores however were not utilized as per requirements
- Too many PDA's conducted during the shutdown
- Safety files still brought during peak of the shutdown, EMS acknowledge FP plan
- Injury on duty procedure was not followed as per our requirements
- The management of personal gas monitors and escape masks caused confusion.
- Individuals found selling noncompliant PPE, which was being utilized on site (from a distance not easily identified as noncompliant)



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