



FUELS INDUSTRY
Association of South Africa

LOW RISK PERCEPTION

2024



INCIDENT DESCRIPTION

- In October 2024 there was a large spill of Mogas at Island View, Site1.
- During transfer from the ship, Mogas was released from a 6-inch pipe that was previously cut open for maintenance work.
- Incident Management Team was called out and the spillage was contained and cleaned up.
- There was no fire or explosion, but the resultant LOPC was an API Trier 1 incident.



INCIDENT CAUSES & ACTIONS

- One of the root causes of the incident as identified by the investigation team was Low Risk Perception from the team planning and executing the work around the section of line undergoing maintenance work at the time of the incident.
- To address this issue the following measures were taken to heighten awareness around systems where risk has been normalized:
 - A Control of Work Audit done was done by an external authority. The audit identified processes and procedures were additional disciplines, i.e., HSSE/Process Safety would review the work being done to identify and challenge where risk is being normalized.
 - The Site also introduced Field Risk Advisors and Compliance Coaches to promote safety compliance within the Site by field assurance and coaching of employees and service providers carrying out work on the field.
 - We also amplified awareness around Process Safety Fundamentals on Site via the HSSE / Process Safety Stops, which both Staff and Service Providers are involved in.



FIELD RISK ADVISOR ROLE

- The role of the Risk Advisor covers the following criteria:
 - Someone who has deep operational and practical technical experience and knowledge of the Site operational standards.
 - Have an integrated and independent view of the level of risk carried by the Site.
 - Challenge whether alternatives are available to eliminate or reduce risk and/or proposed method/procedure is ALARP (broaden the risk thinking)
 - Review quality of the procedures for the proposed work to ensure that the operational controls are fit for purpose for the chosen solution (independent test of proposed operational controls)
 - Coach Panel men and operators in the field: review job preparation and execution & challenge 'normalized' practices



FIELD COMPLIANCE COACH

- The role of the Compliance Coach covers the following criteria:
 - Someone who provides view of Maintenance and Operations workforce safety behaviors.
 - Daily presence in the Field to coach and support the practitioners in maintenance and operations, and their interface, and intervene as needed and identify normalized practices.
 - Maintenance Scope: Ensure conformance to Procedures for High-Risk Activities, such as CSE, Hot Work, Vacuum trucks, High Pressure Jetting, Grit Blasting, Lifting & Hoisting, Working at Heights, Hotwork and use of Gully Suckers and Flange Management.
 - Operations Scope: Provide assurance on the self-verification of Operations tasks, Permit to Work, LOTO, Conformance to Procedures for Operations, Open Draining, Cutting of Lines, Hot Work, Hose Management etc.
 - Consolidates findings to share systemic themes with Operations & Maintenance staff, and Site Contractor Managers on a weekly basis.



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Thank You

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