

Learning from Incidents

Mobile Test Pit Caught Fire during Truck meter Calibration Leading to Lost Time Injury (LTI)

Incident Summary



Picture 1: Meter Calibration rig after the fire still connected to the truck



Picture 2: Burnt Generator used during meter



10 January 2023



14:40 (South Africa Time)



Depot, Mpumalanga

Incident Description

- At approximately 14:40 on 10th February 2023 a fire broke out on the generator during truck meter calibration which resulted in an Assistant burning both arms.
- There was a blockage (airlock) in the pipe. The assistant opened the breather of the generator while it was running which led to the fuel (Petrol) spraying on the hot surface of the generator resulting in a fire.
- The assistant suffered visible burns on both arms.
- The team managed to put out the fire using Engen fire dry powder extinguishers & water hydrants and the site was made safe.

Findings

Immediate Actions Taken

- 1) The test measure outlet valve was immediately closed and work was stopped immediately
- 2) Fire was extinguished with fire extinguishers and water from the fire hydrant.
- 3) First aid was administered to the injured assistant (IP)
- 4) The IP was thereafter transported to the nearest medical facility for further medical treatment

Preliminary Findings

- 1) The Assistant opened the breather while generator was running .
- 2) Inadequate procedure for meter calibration of the truck.
- 3) No enforcement of PTW safe systems of work procedure.
- 4) Lack of Contractor Management/Supervision .
- 5) Lack of Management of Change (MOC) which lead to inadequate identification of hazards and safety measures.
- 6) Non-compliance to PPE requirements

Next Steps

- 1) Issue Non-Conformance Report (NCR) to the Contractor for not following Engen PPE requirements
- 2) Share Lessons Learnt with wider organization with Similar operations .
- 3) Ensure all Contractors have an approved safety file to ensure competency requirements are met.



Thank You