

Significant Incident Alert

Type of Incident Fire – Mobile Equipment
Key Issues Engine Bay Fire
INX Incident No 68211
Date & Time Tuesday, August 24, 0130 hrs
Location Mine East Wall – Nurumi Crusher Access Road
Injury Nil

DESCRIPTION

Service truck (ST14) was heading towards the Nurumi Crusher access road to refuel tracked equipment when the operator saw smoke coming from the engine bay.

The operator noticed the automated fire suppression system activation alarms coming on and the fire suppression system had activated, he then stopped the truck and with his offsider helped to extinguish the flames with the portable fire extinguishers on board.

LESSONS

- ❑ Damaged hydraulic hose not picked-up during the routine maintenance, which lead to hose burst, causing oil spraying onto hot engine surface that ignites the fire.
- ❑ Inadequate heat shielding / lagging around the engine turbo / exhaust manifold.

ACTIONS

- ❑ Restore the fire suppression system on the unit.
- ❑ Conduct a fire risk assessment on the other similar trucks.
- ❑ Implement hose inspection and change-out strategy.
- ❑ Install hose burst protection sleeving for all high pressure hose around the engine bay.
- ❑ Improve on turbo / exhaust manifold heat shielding / lagging for the mining fleet.

James Lees
 Manager – Mine Maintenance

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