

BI-03T.05 Lightning and Extreme Weather TARP

Expectations

Sites should have procedures and associated training resources (Trigger Action Response Processes/Plans) in place for heavy rain and storm situations that increase the potential for unsafe road conditions and/or lightning strike on mobile equipment.

Specify

Procedures in place for storm situations and other weather impacts on road / mobile equipment operations.

Develop and implement a process to minimise potential for fire from lightning strikes and other weather impacts

- Monitor lightning activity using meteorological forecasts and other early warning detection systems
- Lightning protection or diversion systems should be installed in accordance with appropriate standards (e.g. National Fire Protection Agency 780 2011 Standard for Installation of Lightning Protection Systems; AS/NZS 1768 2007 Lightning Protection)
- Provide timely communications to allow sufficient time for all exposed site personnel to seek appropriate safe shelter
- Place equipment in protected area away from fuel sources (i. stop damage; ii. Stop spread to fleet)
- Instigate awareness training for workers that highlights the risks of lightning strikes and other exposure to weather related impacts (slippery roads, etc.)
- Develop a trigger action response plan (TARP) for lightning and electrical storms that outlines responses to a storm at certain distances away from the mine (e.g. a staged response depending on distance)
- Procedure for the use and protection of explosives in known lightning conditions

Implement

Training and assessment in requirements for Vehicle Operators during storms and other weather conditions impacting road network safety