

EMESRT RISK: Collision detection technology on equipment to warn the driver of an imminent collision with sufficient time to allow remedial actions, (Collision detection technology may include combinations of cameras with radar, radio frequency detection, GPS and computer network wireless, etc)

[Click to view this EMESRT Risk](#)

Root & Contributing Causes

- LTA awareness
- LTA bunding
- LTA design
- LTA hazard identification
- LTA vehicle proximity
- LTA work method

Preventative / Recommended / Accepted Steps of Risk Mitigation, Points of Interest:

ALL operators are hereby urged as a matter of utmost priority, to review the edge protection systems in place at their sites. This review must include a comprehensive study of the adequacy of current design and construction methods used for safety berms and rills, as well as the effectiveness of the Standard Operation Procedures in place for ALL activities conducted in proximity to the edge of excavations - whether they be mere observation decks, inspection/view points or major dump locations. Additionally, the review is to include the training and familiarisations given to operators, visitors and mineworkers required to be in the proximity of excavations and a study of the suitability and locations used for infrastructure support - particularly lighting plants and their impacts on visibility from glare and line-of-sight visibility.

[Click to view this ISOLgate record.](#)

Site Answers & Comments: