

BI-MPA.65.30 Power line working distance management process

Expectation

Safe working distances are always maintained between power lines and mobile equipment e.g. cranes, trucks, forklifts, EWPs etc.

Specify

As part of any infrastructure development, maintenance or work in proximity, measures are implemented to prevent unwanted interaction including:

1. Design guidelines, and designs, that require segregation of overhead (and buried) powerlines from roadways and work areas where interactions could occur as far as possible - including provision of ground level and elevated barricades. Where segregation cannot be achieved, then clear marking of lines and/or hazards is documented as a requirement (and executed during construction/maintenance)
2. Procedures in place specifying minimum approach distances and required controls when working near and travelling under powerlines - with specific permits required for any work that could encroach on minimum approach distances
3. Warning devices required on power lines are maintained - Tiger Tails, Signage and Power Line Corridor entry permits

Implement

1. Planning processes confirm that power line hazards are considered and allowed for
2. Supervisors and mine planners are aware of minimum approach distances to power lines from mobile plant and expected controls e.g. use of permits in some circumstances
3. Any work near powerlines occurs after careful planning and permitting as required

Monitor

1. Plans and designs are reviewed and improvement opportunities identified for consideration by senior managers
2. Supervisors confirm workers in their area(s) of responsibility are aware of task expectations and understand key requirements. Inspection findings are recorded and passed on as required
3. Records of inspections, plans and permits are included in site information management systems