

BI.01.10 Tyre hazard awareness for maintainers

(Accountable - Company 2 Representative (Unassigned))

Expectations

Tyre maintainers are aware of all relevant tyre maintenance failure modes for wheel rim components and service equipment. They also understand the expected controls and their responsibilities for maintaining these controls.

Specify

Awareness training provides information on potential tyre maintenance wheel rim component and service equipment failure modes and mechanism and their controls, so personnel fully understand the reasoning work steps such as:

- Deflation before removal
- Handling and storage
- Key work procedures e.g. inflating a new tyre assembly
- Hot work controls
- Equipment quarantine timing and distances
- Presence and management of hazardous chemicals (e.g. solvents, adhesives)
- Safe storage and use of nitrogen
- Tyre re inflation without stripping for inspection etc.

Illustrate with information about actual incidents.

Implement

Task specific procedures are developed and included in hazard awareness training for maintainers that covers a range of credible loss scenarios and key features/items to be alert to. The requirements also include escalating of reporting and/or response as conditions require.

Trainers deliver and assess appropriate modules to maintainers to alert them to all credible tyre/wheel assembly related hazards and required responses for their work areas/skill sets.

Trainers assess retention of skills related to hazard awareness and confirm computerised tracking of training to suit worker's training needs analysis is occurring in line with site requirements. Regular reporting on the status of training is conducted.

Monitor

Senior personnel (supported by relevant specialised information (e.g. as a checklist)) conduct regular safety interactions, leadership in the field and other activities to confirm that worker understanding and applied plant/processes meets site requirements.

Research is supported by organisations into air blast zones - which are used to inform hazard awareness (safe standing zones) for maintenance workers and wheel assembly inspection.