

### 8.3.1 Pre-operational inspection

Pre-operational inspections are conducted by the user of plant prior to use. These inspections are conducted in line with developed inspection checklists. Master copies of the checklists are available electronically in Documentum and TEMPO. Where defects are identified they are to be managed and resolved using MAC-MEC-STD-032 Maintenance and Defect Management and the BHP ARIS maintenance business processes for SAP.

Document Reference - MAC-STE-MTP-011

## 11.1 Pre-Use / Daily Inspections

All operators of mobile plant must undertake a pre-start / daily inspection of their machines, including a comprehensive walk-around inspection of their tyres. Where any operator regards the condition of a tyre as a hazardous tyre, or suspects that such a condition may occur, they must inform their supervisor immediately. The supervisor must arrange for tyre bay personnel to conduct an inspection to review the condition and advise accordingly.

### 9.3 General Safety

- All tyres must be deflated to a minimum of 5 PSI prior to removal.
- All tyres >600mm (24 inch) that have been run at less than 80% of their normal cold operating inflation pressure must be removed from the rim assembly and fully inspected for damage prior to being refitted to rim and inflated again.
- All road going vehicle tyres that have been run at less than 80% of their normal cold operating inflation pressure must be discarded.
- Master pressure gauges are to be calibrated at a minimum twelve (12) monthly.
- Pressure gauges are to be checked against master pressure gauge prior to each use.
- No mismatched components are to be used for wheel assemblies.
- Tyres and rims are not to be modified outside OEM specifications.
- Tyre contractor(s) must review the Mt Arthur Coal risk assessment for tyre and rims (Doc No BHPB2404-01) on commencement of contract.
- Tyre contractor(s) to submit for approval the relevant procedures that they will be utilising onsite to their MAC contract owner for review by the Principal Statutory Mechanical Engineer.
- Tyre contractor must issue the MAC contract owner a copy of inspection reports for wheel and rim assemblies >600mm (24 inch) on a monthly basis – See records & rim register requirements below for detail.
- All plant and structures as listed in MAC-STE-STD-125 must be approved before use onsite.
- Only OEM approved rims are to be fitted to road going vehicles.
- Rims less than 600mm which have been damaged must be discarded – not repaired.
- Where required a re-torque tag must be attached to the steering wheel and the assembly re-torqued at the nominated timeframe.
- Before commencing any work to remove the tyre and rim or wheel assembly from the machine, the person who will be carrying out the removal shall determine the reason for removal. The person shall also visually inspect the assembly to ensure that there is no immediate threat to health and safety.
- All tooling requiring calibration must be as a minimum calibrated twelve (12) monthly or in accordance with OEM recommendations if of shorter time frame.
- Road going vehicle tyres should not be repaired if the puncture is greater than a nail size.
- A periodic review of the operating conditions should be conducted to determine the adequacy of the inspection regime.

Document Reference - MAC-ENG-STD-006