



Safety Alert

Ignored Wheel Retorque Results in Loose Wheel

Incident:

Loose Wheel on a Rear Dump Truck: After routine tyre changes were carried out on the rear axle of a haul-truck an information tag was attached to the dashboard for the vehicle to be returned after 2 hours of service so the wheels could be retorqued.

The vehicle was not returned for its scheduled retorque adjustment resulting in the wheel coming loose some time later causing damage to both rim and hub.

Mandatory Actions:

1. After any wheel assembly has been refitted which requires the attachment system to be retorqued, an information, retorque or mine site specific tag is to be attached by the tyre serviceman in a visible location to the inside of the vehicle cabin (eg. retarder lever).
2. As the vehicle is handed back to production, or the vehicle remains down for further mechanical maintenance, Dispatch and or Operations Supervision is to be notified to raise a retorque alert on the mines dispatch system and or to remind the operator about the vehicles retorque requirements. These actions will alert both the operator and dispatch that a retorque is due should the tag accidentally be overlooked.
3. Tyre service personnel are to maintain up-to-date records of outstanding retorques each shift, and action any outstanding retentions.
4. After a vehicle has been retorqued, the tag is to be signed by the tyre serviceman, stapled to the tyre change documentation and be securely filed.
5. Communication with Operations personnel: all personnel are to be made aware of the importance of wheel retentions and potential risks if retentions are not carried out.

Following the above steps will ensure safer operation of rubber tyred equipment.

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