

# SAFETY ALERT #101

## SELECTION OF CORRECT SPECIFICATION TYRE

### Date of Incident:

08 January 2015 & 10 June 2015

### What happened?

There have been two incidents recorded since January 2015 which have resulted in the incorrect tyre specification being fitted to dump trucks (CAT 789 – position 3 and Komatsu 830E – position 2 respectively). On both these occasions the following applied:

- January Incident – a 40.00R57 was fitted instead of a 37.00R57
- June Incident - a 37.00R57 was fitted instead of a 40.00R57
- TTC was not consulted prior to fitment to ensure the details of the tyre selected were suitable for fitment to machine
- Failure to carry out satisfactory inspection prior, during and after fitment
- The tyres were obtained from the tyre storage area during low light conditions

Thankfully on both these occasions the fitment of an incorrect tyre did not result in any damage to the tyre or machine.



**Komatsu 830E**



**CAT 789**

**Injury/Damage:**

Near Miss

**Contributing Factors:**

**Primary Root Cause:**

- TSP's did not apply adequate care/attention during the job
- TSP's failed to carry out a satisfactory inspection of the tyres selected

**Secondary Root Cause:**

- TTC was not consulted prior to fitment to ensure the details of the tyre selected were suitable for fitment to machine
- Tyres stored incorrectly
- Low light conditions, however on both occasions the TSP's had cap lamps and light from the tyre handler

**Recommendations:**

- All tyres must undergo a thorough inspection by TSP's to identify that the correct specification tyre has been selected prior to fitment. Refer to the tyre size labelling (example right).
- Use TTC to ensure the selected tyres details are correct and ok for fitment prior to the job starting
- All TSP's must complete a final integrity check, including tyre specification prior to releasing the vehicle back to the Client.



Should you require anything further, please feel free to give me a call.

***Eliminate All Unsafe Acts & Conditions.***

**Tanya Hoyle**  
Senior OHS & Compliance Advisor  
Ph.: 0448 030 166



**KLINGE GROUP**  
Tyre Management Systems Consultants