



Safety Alert #66

Approved Rear Bead-Breaking Methods

This Safety Alert is comprised of two (2) pages.

Incident Description

This safety alert has been produced not as a result of any particular incident, rather as a reminder that certain bead-breaking practices are permitted on Klinge sites, whilst others are not.

Of primary concern is the practice of dropping the assembly from a height so that the force of the impact with the ground breaks the bead of the earthmover tyre from the assembly. This is deemed an “unsafe act” and must be avoided.

Findings

There are a number of unacceptable risks associated with this practice, some of which are described below:

- a. As a result of the (uncontrolled) movement, the assembly/tyre may roll away or bounce unexpectedly.
- b. Exposure to personnel and pedestrian traffic;
- c. Damage to tyre, rim, components, tyre handler, other tools/equipment.

Recommendations

1. Klinge tyre maintenance and management sites are fitted with fit-for-purpose bead breaking equipment such as a large tyre press or air/hydraulic porta-power and bead breaking tooling. Such tooling, when appropriately maintained and serviced, and used by authorised personnel forms part of the approved Klinge bead breaking process.



Photograph 01 left: Large Earthmover Tyre Press.
Photograph 02 below: Fit for purpose bead-breaking tooling.



It is imperative that tyre service personnel adhere strictly to Klinge SWPs and Training Package protocol. Failure to do so may result in disciplinary action being taken.

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2. Do NOT attempt to break the bead of an earthmover tyre by dropping the assembly from a height.
3. A video is attached to this [Safety Alert](#), please show this video to team members.
4. Ensure that acknowledgement forms are completed for this Safety Alert, and that the acknowledgement forms are retained on-site on-file. This Safety Alert is to remain posted on your Safety Notice Board until October 31st 2008.

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Eliminate All Unsafe Acts & Conditions.

Davin Faux, Manager – Global Risk & Business Improvement
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