



# Safety Alert

## Rim Integrity Check Prior to Inflation

### Incident Description

A tyre serviceman was reinflating a truck tyre when the assembly disintegrated causing considerable damage to the adjacent tyrehandler truck, it is not known whether the gutter section failed or the lockring was not seated properly before inflation commenced.

This incident had the very real potential for severe injury or more likely a fatality, fortunately the person was not standing in the direct 'line of fire' and was uninjured.

### Recommendations

1. Before reinflating any tyre, check its remaining inflation pressure, if less than 80% of recommended manufacturer's cold inflation pressure, identify where the assembly leaks where possible, then deflate the assembly and remove the tyre from its rim for a full tyre/rim visual inspection, as per site SWP.
2. Once the leak has been rectified, reassemble as per site SWP and carry out a full visual check to verify the integrity of the assembly, in particular check the proper seating of the lock ring and associated parts, before you commence inflation.
3. Always use an extended inflation line with a remote valve and facility to check the inflation pressure. Where possible use a certified inflation cage.
4. Never stand in front of the assembly while it is being inflated.
5. While inflation is underway, keep a close watch on the lockring and assembly, if you notice anything unsafe, STOP the inflation immediately and deflate the tyre.

Go safe – always.

Tilman Rasche, Manager – Global Risk & Business Improvement,

6/11//07, Safety Alert 57 tyre burst next to tyrehandler incl disclaimer1.doc

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