



Safety Alert

Articulated Truck falls off Vehicle Jacks during Tyre Maintenance

Scenario

An articulated truck slipped off its jacks during tyre maintenance after the vehicle was bumped by the tyrehandler.

While no injury or damage occurred to the tyre service personnel and the equipment, this incident had the potential to cause a fatality/serious injury as well as considerable damage to both the truck and the jacking equipment.

Support stands were not installed after the vehicle had been jacked nor was the articulation pin fitted to prevent the machine from jack-knifing.

Actions

Mandatory actions and controls to prevent this accident from recurring are:

1. All personnel must be familiar with the task at hand – **refer to the correct safe work procedure and carry out a JSA covering all task steps before commencing the work. If in doubt – STOP, and get assistance.**
2. Ensure wheel assemblies and jacking/support points have been cleaned.
3. Ensure correct vehicle jacking and support points are used to support the machines weight, this will ensure the machine is both stable and does not cause any damage to the chassis.
4. All vehicles, after jacking, must be supported by approved vehicle stands of sufficient capacity, unless a suitable 'lift and lock' jack is used.
5. If tyre maintenance is being performed on an **articulated vehicle**, the articulation pin must be fitted, this will ensure that the vehicle will not accidentally jack-knife off the jacks/stands should it be pumped during maintenance.

These simple steps can save your life – and can save other lives.

Tilman Rasche
Manager – Global Risk & Business Improvement

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