

Safety Alert

February 2018

Alert: 01/2018

COULD THIS HAPPEN TO YOU?



INCIDENT DETAILS

Incident Type: Dangerous Occurrence

Year: 2017

Location: ICF Member Quarry

Injuries: None

Incident Description

A Komatsu 465 rigid dumper was reversing towards sand & gravel bins. Before unloading started the front left tyre blew out. Vibrations were felt throughout the entire quarry.

On further investigation it was discovered that all tyres were in bad condition but no action had been taken. In addition, the driver operating the rigid dumper at the time did not have a required Quarry Safety Certification Scheme (QSCS) ticket.



Learnings and Corrective Actions:

- If this tyre had blown during inflation, a fatality could have potentially resulted.
- All vehicles should be maintained in good working order. Such maintenance should include tyre checks and where defects are identified, these should be repaired as required.
- Drivers should complete and record a daily pre-start inspection of vehicles, including tyres. Both the inside and outside of tyres should be inspected.
- Defects must be reported to a suitably qualified person (e.g. supervisor or manager) and recorded.
- There should be a closed loop system i.e. – there has to be evidence that reported defects have been investigated, acted upon and if necessary rectified.
- Operators should have an adequate inspection scheme for all mobile plant equipment and this should include an inspection of vehicle tyres.
- While it would not have prevented the tyre blow out, all operators of mobile plant must hold the requisite Quarry Safety Certification Scheme (QSCS) card, unless they are training under the supervision of a competent person holding the appropriate QSCS card.