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| Incident No. | INC-61209 |
| Date of Incident | 28 October 2013 |
| Division | Infrastructure |
| Business Unit | Eastern Region |
| Alert No. | 020 |



Worker struck by reversing truck and trailer

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| SITE: | Sapphire to Woolgoolga Upgrade | |
| CLASSIFICATION: | ACTUAL DAMAGE: Nil | POTENTIAL DAMAGE: PC1 |
| CONTACT DETAILS: | NAME: Tony Green | POSITION: Project Safety Manager |
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Incident Description

A Boral truck with a trailer attached was reversing while a ground worker was measuring the area directly behind.

The trailer was loaded with a Bobcat machine and both the truck and trailer were fitted with a reversing camera.

The truck was fitted with side mirrors as per manufacturer's specifications.

The trailer brushed against the workers leg and buttock resulting in the worker being slightly pushed / brushed aside by the trailer.



Location of the worker when the truck was reversing

Preliminary Findings / Underlying Causes

Investigation of the incident is continuing. However, preliminary findings have identified the following contributing factors/deficiencies:

- The truck driver had not requested assistance by a spotter or physically checked the path behind the truck prior to reversing.
- The proposed work area had not been planned or communicated so that the entire crew had a full understanding of the activities coordinated.
- The ground worker did not see or hear the truck reversing whilst measuring the proposed works.
- Plant and ground worker separation / exclusion zones had not been implemented.
- All Boral workers have undertaken internal spotters training and have a good understanding of Boral and Site requirements.

Reminder

Project Managers/Persons involved in planning/coordination/performing similar activities are reminded of the importance of the following controls:

- Priority must be given to utilising 'above the line' controls when working around mobile plant and live vehicle traffic by eliminating workers where practicable or isolating the area.
- Where the timing of any plant activities impacts other construction work activities, such as ground crews, then clear communication and physical separation of these activities must be implemented.
- Where an essential worker must be utilised then separation distances are to be maintained in accordance with Safety Essentials and Authority to Work requirements.
- Work activity locations and travel routes must be assessed and defined to ensure inadvertent interface between vehicles, plant and workers is eliminated.

Actions

- Ensure interfaces between work activities are identified, planned and communicated between the work crews, via Vehicle Movement Plans (VMP), to ensure vehicle and plant movements are effectively managed.
- Inspect travel routes, storage locations and work activities to ensure inadvertent interface between vehicles, plant and workers is eliminated or effectively managed.
- Reinforce that all workers have a duty to co-operate with any reasonable policy or procedure relating to health or safety and comply with any reasonable instructions. No activity should be undertaken on LCPL sites without an approved risk assessment (SHEWMS and necessary permits) and daily consultation (pre-start briefing).

Document Information:

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| Date Prepared: | 30 October 2013 | | |
| Prepared By: | Tony Green | Position: Safety Manager | Signature: <i>Tony Green</i> |
| Approved By: | David Bainbridge | Position: Regional SHE Manager Eastern | Signature:  |