

# Safety Alert

**ARTC No. 89**  
**Issued 10/08/2016**

## Truck Rollover

### Incident

This alert follows an incident notified by a Principal Contractor, in which a truck fitted with a 2.5T vehicle loading crane rolled over while lifting 2T concrete jersey kerbs off the back. At a point nearing full extension, an outrigger leg on the truck sank into the topsoil which caused the truck to roll.

### Please note these safe operating procedures for Vehicle Loading Cranes:

1. *Set-up location must consider:*
  - underground services or backfilled excavations which may affect stability;
  - crane should **only** be operated when in a level position, adjust outriggers to suit;
  - safe distance between the boom and any overhead obstructions to cover the full range of movement.
2. *Set up of outriggers should include:*
  - ensure ground surfaces are sufficiently stable and compacted to support the crane;
  - outriggers are fully extended as per manufacturer's instructions; and
  - outriggers are located on pads or other suitable support material to distribute the load.
3. *When moving loads:*
  - never position the boom directly above the operator control stations or above the operator;
  - operator must be able to see the load at all times during the lift otherwise engage a licenced dogger/rigger;
  - never allow operator to be positioned between the load and the vehicle as crush injury may occur;
  - put in place and maintain an exclusion zone around the work.

### For your Action

1. Place Safety Alert on display and make copies of this alert available to people who report to you (without regular email access) and ensure that the contents of the safety alert are discussed/explained to your staff.
2. If engaging contractors, ensure they are made aware of current ARTC Safety Alerts.
3. Ensure a method of sign-off is obtained (eg via tool-box/safety meetings/morning briefings etc.) to verify that the Safety Alert has been distributed and discussed.
4. If you have any safety concerns with this Safety Alert please speak directly to your supervisor.



### Further information

- All Safety Alerts issued can be [found here](#).
- ARTC Work Method Statement "Vehicle Loading Cranes" available [here](#)
- Safe Work Australia "What is a vehicle loading crane?" available [here](#)
- AS2550.1-2011: Cranes, hoists and winches – safe use part 1: General requirements
- AS2550.11-2004: Cranes, hoists and winches – safe use part 11: Vehicle-loading cranes
- Further information please contact Adrian Karsten, Project Manager 0427 400 605