

HSSE Incident Notification

HSE Alert – Fatality



Our Vision:

Zero Harm to our people,
the environment and the
communities in which
we work.

DATE OF INCIDENT: 29 April 2019

PROJECT / SITE OF INCIDENT: Northern Territory

INCIDENT DETAILS:

A 30-year-old man was helping load a large excavator onto a flatbed trailer at a plant hire business when the tragedy occurred. NT Worksafe said the excavator was fitted with a large bucket, which contained two smaller ones, and a ripper. The man was standing on the float in front of the excavator, when one of the smaller buckets dislodged and fatally struck him. The man and the excavator operator are not employees of the company. The authority said while transport of excavator attachments in large buckets appears to be common practice, these attachments should be secured to prevent dislodgement.

Critical Controls: Through bow tie analysis the following Major Accident Event categories have been defined. The following MAE categories have been identified as potential mitigative controls related to the activities in this tragic event:

- **Unsecured Loads** – Loads falling during loading, transport, unloading, including transport to, from and around a site from the supplier, and oversize loads.
ACTIONS:
 - Confirm facility for loading / unloading is fit for purpose
 - Check transport and securing devices are fit for purpose and being used
 - Confirm permits, escorts are in place
- **Uncontrolled Release of Physical Energy from Structure / Equipment**
– Potential to be struck or entangled within structure / equipment from uncontrolled release / structure failure / demolition / tension in lines and pipes from pull / push/ twisting / expansion energies
ACTIONS:
 - Confirm equipment and structures designed for tension / stress loading
 - Inspect equipment and structures remain fit for use
 - Confirm isolations are designed and implemented prior to working on equipment
 - Confirm integrity of barricades, signage around storage energy sources
- **Uncontrolled Release of Mechanical Energy from Equipment** –Potential for machinery to start automatically or be started whilst work is being conducted.
Potential to be struck by, entangled within structure / equipment from uncontrolled release of mechanical energy including springs, fly wheels, pistons, motors, conveyors or rotating parts
ACTIONS:
 - Inspect integrity of isolations on all plant and equipment
 - Confirm risk assessment controls have been implemented prior to commencing work