

## POTENTIAL CLASS 1 INCIDENT (PC1) – UNCONTROLLED LOAD RELEASE

### Background

On 22 June 2018 at Coleambally Solar Farm during unloading of a delivery of torque tubes, 2 x 11.1m torque tubes weighing approximately 90kgs each fell in an uncontrolled manner a distance of 3.2 metres from a truck trailer. The load fell after the straps retaining the load were cut by a telehandler operator. One tube narrowly missed the Telehandler operator as he stepped outside the line of fire.

The load consisted of two secured bundles of torque tubes, plus a third layer of loose tubes. The loose tubes were secured by 2 ratchet straps but were not restrained by secondary metal strapping, which was inconsistent with the site delivery method.

An 11.1m torque tube fell uncontrolled from a height of 3.2m after the securing straps were cut by the telehandler operator, releasing the stored energy potential.



Single top layer of torque tubes secured only by ratchet straps



The securing straps were cut by the telehandler operator, releasing the stored energy potential.

### Contributing Factors

The following factors have been identified as the incident root cause/s:

- Deviation in delivery load configuration was not communicated as required in the SWMS relative to site logistics and deliveries (the ratchet handles were positioned at a height that could not be reached safely from the ground resulting in the straps being cut).
- Load inventory deviation was not communicated to the outbound delivery driver.
- Telehandler operator failed to inspect the load configuration prior to its release.

### Action Required

All project leaders and persons responsible for the management of freight and logistics shall:

- Instruct suppliers that all loads delivered to site must be adequately secured and restrained in accordance with the National Transport Commission (NTC) - Load Restraint Guide 2018.
- Bundled loads delivered to site must be restrained by metal strapping or similar (primary control) in addition to secondary outer strapping.
- Ensure systems are implemented to adequately separate people and plant, or where impracticable provide and maintain exclusion zones surrounding logistics activities in accordance with Global Safety Essential (GSE) 2- Mobile Plant.
- Ensure all relevant persons are inducted into and sign onto the modified SWMS



# HSE ALERT

<b>Raised by:</b>	Damian Brandon	<b>Date:</b>	14/07/2018
<b>Approved by:</b>	Greg Smith	<b>Date:</b>	14/07/2018

*HSE Alert to be approved by QSE Director and/or Operations Director prior to issue*



# HSE ALERT

## PLEASE DISTRIBUTE TO ALL WORKPLACES

This project HSE Alert should be posted on Notice Boards for a minimum of 30 days from date of issue.

<b>HSE Alert No.:</b>		<b>Date of Issue:</b>	
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Please analyse this HSE Alert, communicate to your workplace and return this written confirmation to your relevant Safety/Environment representative.

HSE ALERT CONFIRMATION	
1. What date was this HSE Alert communicated to the workplace?	
2. Could this event occur in your area of responsibility at your workplace?	<input type="checkbox"/> YES (Answer Question 3, 4 & 5) <input type="checkbox"/> NO (Move to Question 6)
3. What control measures have you implemented to prevent this or similar incident occurring at your workplace? Please include relevant reference to Global Safety Essentials (GSEs)	
4. Are these control measures adequate to prevent this incident event occurring?	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. If you have answered NO to Question 4, please raise as an action in the Project CA register and nominate persons responsible to implement.	
6. Please note the reasons why this event could not occur within your workplace	

<b>Workplace Name:</b>		<b>Date:</b>	
<b>Project Manager:</b>		<b>Signature:</b>	
<b>HSE Representative:</b>		<b>Signature:</b>	