

# SAFETY Alert



**PREPARED BY: Corporate QHSE Dept.**

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**OBJECT: LOADING AND UNLOADING OF HEAVY EQUIPMENT**

The loading and unloading of heavy equipment is a routine activity in all SICIM projects.

Two high potential near misses during loading and unloading of heavy equipment from a flatbed have been recorded:

- A ramp detached from the trailer during the unloading of a sideboom;
- During the pre-operation inspection a crack was noticed in the terminal part of the ramp.

Due to the involvement of heavy equipment and the high frequency of this activity, it is necessary to keep it under control by implementing all safety measures to prevent accidents and damage to company assets.

## Preventive and Protective Measures

- Authorized operator: Only personnel authorized to operate the specific heavy equipment or with a specific training certificate for loading and unloading can operate a heavy equipment during loading and unloading activities.
- Pre-operational inspection: before loading and unloading the following must be inspected:
  - The equipment to be loaded / unloaded must be fully functional and equipped with ROPS and FOPS.
  - Particular attention must be paid because the configuration for the transport of many heavy equipment involves the disassembly of some parts. In this case the balance of the equipment is compromised and consequently the stability is limited compared to the full operational configuration.
  - The trailer must be in good condition and suitable for the type and weight to be loaded / unloaded;
  - Loading and unloading area: must be authorized, levelled and free from obstacles. It is good practice to segregate the loading and unloading area and prohibit access to unauthorized personnel. The JSA shall consider the type of surface where you are about to move the equipment and whether accumulations of grease, oil, mud or ice is present.
  - Equipment such as belts, ramps, wedges etc. must be suitable, inspected and in good condition.
- Cargo Gauge: the gauge limits must be in line with the legislation in force in the country where the operations take place.
- Presence of a Signaller / Banksman: the support of ground staff to help the operator is mandatory, the operator and banksman must communicate effectively through conventional hand signals.
- Weather: the weather must allow the activities to take place safely.
- PPE: the personnel carrying out the loading and unloading operations must wear at least coverall, high visibility vest, gloves and safety shoes.



Damaged ramp identified before the unloading.

### LOADING



### UNLOADING



Example of loading and unloading of an excavator.

## RECEPTION BY THE PROJECT

**WHICH ACTIONS IDENTIFIED TO BE IMPLEMENTED IN THE PROJECT:**

**Project Manager:**

Signature:

**HSE Project Manager:**

Signature: