

## SAFETY ALERT NOTIFICATION



### Bagdad - Shovel Cable Reel Unloading

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Safety Alert #	SA - 2017 - 16
IMS #	79086
OPERATION:	GSC Warehouse
INCIDENT DATE:	8/7/2017
TIME:	8:50 am
TYPE:	Property Damage HEHI

This is NOT an investigation report. It is a NOTIFICATION of a Significant Incident that has taken place at a Freeport-McMoRan location. The information below is a preliminary assessment and not a formal investigation.

#### INCIDENT DESCRIPTION

At approximately 8:50 a.m., a GeoTemp contract employee was tasked to unload four shovel cable reels from a flatbed trailer. The first cable reel was successfully unloaded; however, when unloading the second reel the fork contacted the 4 inch x 4 inch wood cribbing. This caused the reel on the opposite side of the flatbed to be jarred causing it to roll forward off the cribbing towards the cab. At this time, the forklift operator shouted at the truck driver indicating that the cable reel was rolling. The truck driver then jumped onto the flatbed to try to stop it; however, was unsuccessful in stopping the cable reel. The cable reel then contacted the rear of the cab and came to rest on the ground. (*Note: The shovel cable reel weighs 5,000 lbs.*)

#### FATAL RISKS

#### HEALTH AND SAFETY POLICIES

Uncontrolled Release of Energy

Choose an item.

Entanglement / Crushing

Choose an item.

#### OTHER SIGNIFICANT RISK (specific to site or task not categorized as global)

- Putting oneself in the potential line of fire.

#### PROBABLE DIRECT CAUSES

- Inexperienced forklift operator.
- Inadequate evaluation of risks associated with unloading of shovel cable reels.
- Improper cribbing of load. Originally the truck driver had the cable reels on a lowboy trailer; however, reloaded prior to delivery to a normal flatbed. Typically the cribbing is set immediately adjacent to the cable reels to prevent them from rolling. In this case the driver set the cable reels directly on the cribbing; however, the cable reels were not in contact with the flatbed itself.
- Lack of clearance to perform the task. Proximity of chain link fence restricted the movements of the forklift operator; the forklift operator failed to ask the truck driver to reposition the vehicle prior to unloading.

#### IMMEDIATE CORRECTIVE ACTION(S)

- Review and update training procedures with a job task observation.
- Verify competency evaluations have been conducted.
- Implementation of safe zone prior to unloading to ensure all ground personnel are clear of the area in the event the load shifts.
- Ensure adequate clearance is available for forklift prior to unloading materials.

## REQUIRED ACTIONS(S)

- Identify correct shipping and receiving criteria. This will identify the correct load securement methods and Positioning of cribbing.
- Review and implement formalized procedure for unloading cable reels or other similar items.

Diagram 1:  
Picture of  
forklift and  
driver location  
prior to event.

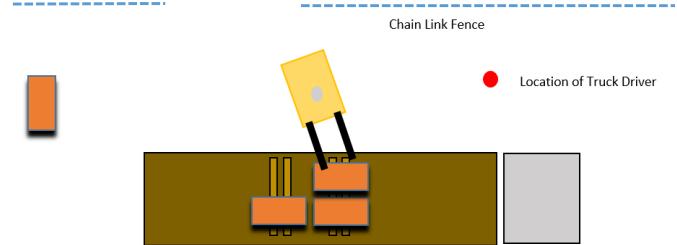
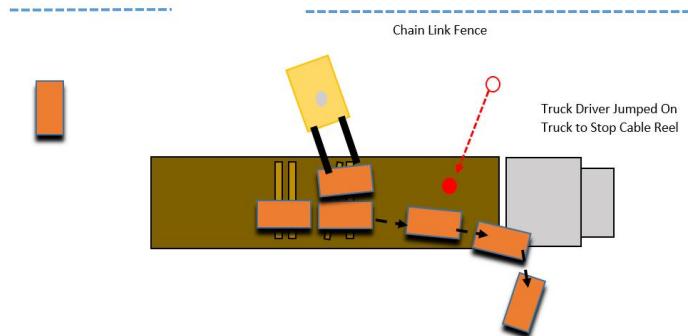


Diagram 2:  
Picture depiction  
of driver jumping  
on flatbed trying  
to stop reel from  
rolling off.



Picture 1: Final location of shovel cable reel.



Picture 2: Actual cribbing spacing. The cable reels were setting on the wood 4x4's and were not in contact with flatbed.

This is NOT an investigation report. It is a NOTIFICATION of a Significant Incident that has taken place at a Freeport-McMoRan operation and is being communicated to enhance safety awareness should a similar Situation exist. The information above is a preliminary assessment of the event and is not a formal investigation.