



Safety Alert

From the International Association of Drilling Contractors

ALERT 05 – 37

DROPPED OBJECT - IMPROPER RIGGING OF DRUM SLING

WHAT HAPPENED:

The crews aboard one of the rigs in the domestic fleet were in the process of storing drums on the top rack of their horizontal storage rack. (Fig. 1) While a roustabout was guiding the drum into the rack the drum fell approximately 1 to 2 feet because incorrect rigging and landed on the roustabout's arm. (Fig. 2) Fortunately the injury only required some medication for pain and the roustabout was released by the doctor to return to work.



Figure # 1



Figure # 2

WHAT CAUSED IT:

- The crew incorrectly slung the load. (Fig 3 and 4)
- The JSA used prior to initiating the task was not suitable for the job. The JSA made no mention of specialty slings or of even lifting of drums.
- Personnel were incorrectly distributed around the load.
- The crane operator could only operate the lift as a "Blind Lift" because of the position of the rack, and therefore was unaware of the slinging methods employed to the loads.



Figure # 3 Incorrect attachment



Figure # 4 Correct attachment

The Corrective Actions stated in this alert are one company's attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.

This material is presented for information purposes only. Managers & Supervisors should evaluate this information to determine if it can be applied to their own situations and practices

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CORRECTIVE ACTIONS: To address this incident, this company did the following:

JSAs are not to be used as a tick box exercise prior to starting a job. JSAs are essential to the safe completion of any task that has the potential of injury.

- The company is pursuing alternative devices for the horizontal lifting of drums and will communicate those findings to the fleet.
- If there are routine blind lifts that occur aboard your facility, the operation is to be surveyed with an eye for reducing risk of blind lifts.
- If it is felt there is a better way to rig lifts or it is decided that an alternate way of rigging will be used, the final decision will come from the Crane Operator and OIM, prior to doing so.
- Crews must be aware of their position at all times when working with suspended loads, and ensure that there is no way they can be trapped or struck by the load should it drop or change direction.

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