



Safety Alert

From the International Association of Drilling Contractors

ALERT 06 – 29

TRANSPORTATION FATALITY ACCIDENT

WHAT HAPPENED:

While moving rig equipment, a fatality and two serious injuries occurred at a pipe yard. When untied, the pipe rack fell, swung around and struck the side of the trailer. All three injured parties were struck by the falling pipe rack, two being pinned to the trailer.



WHAT CAUSED IT:

The immediate causes were identified as follows;

1. The pipe racks were not loaded in a safe and stable manner and had not been individually tied down.
2. The tie down straps were removed before a secondary securing method was put in place (i.e. forklift).
3. All three injured parties were standing in a caught between position while releasing the straps.

In addition, several causes became apparent during the course of the investigation with the primary ones described as follows:

1. There was a lack of written equipment transportation procedures including a written risk assessment for the specific task.
2. There was lack of competent supervision and the personnel performing this task were inexperienced. Because the personnel were inexperienced they had a lack of awareness and/or perception of risks involved and there consequences.
3. Because the crew was multi-national there was a lack of adequate communication.

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

- Implemented written procedures for rig move, including pipe racks. Procedures to include approved load configurations and necessary checklists.
- Required a dedicated "Transportation Supervisor(s)" to coordinate loading and unloading operations when performing a rig move. The transportation supervisor(s) must be onsite during loading and offloading operations. Ensure all supervisors are competent to the task and have formal training in rigging and tie down.

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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- To raise awareness of hazards and highlight control measures that need to be implemented rig personnel are to perform risk assessment for specific task. This assessment process should include all personnel involved in the operation (i.e. - rig and transportation contractors).
- Deployed suitable and adequate Safety/HSE personnel as required.
- Established approved vendor list and minimum standards of transportation companies.
- Sought measures to improve communication between all parties involved (i.e. – utilize interpreters, review hiring practices).
- Installed emergency call points within the company pipe yard with a direct line to the emergency services.
- Truck supervisors to be supplied with accurate emergency call out lists and a copy to be kept in each truck cab.
- Repositioned signs for the drilling workshop, detailing all the departments within the compound, to the roundabout opposite the main entrance.

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