

قطر للبترول
Qatar Petroleum



Lateral Learning From Incidents

LTI Involving Fork Lift Operator

Location: Dukhan Drilling Workshop

Date: 3rd March 2011

Incident Description:

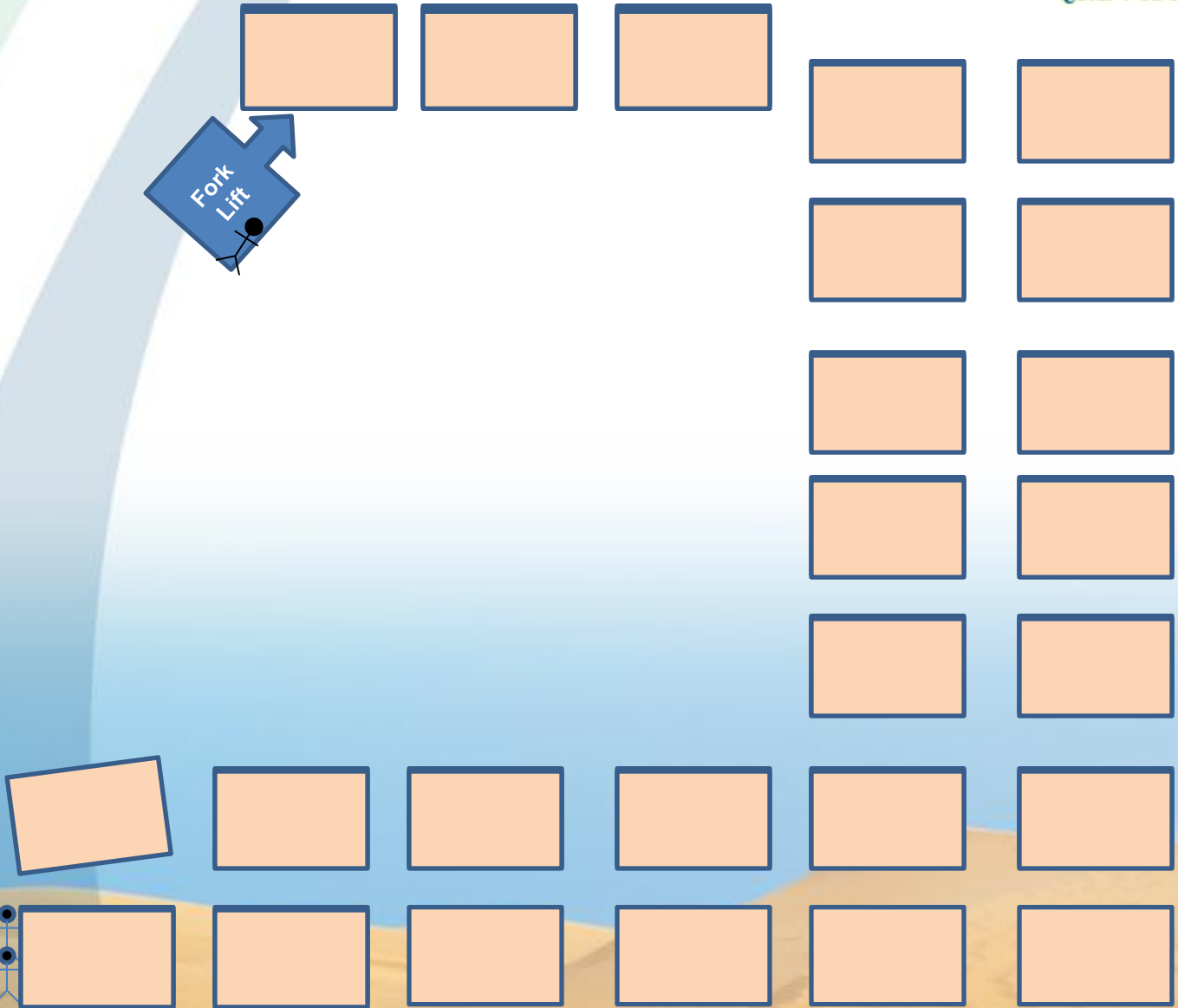
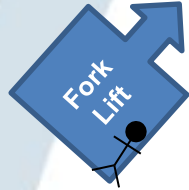
- Work Shop Technician (IP) was transferring wooden boxes using a 12ton forklift assisted by 2 workers.
- IP stopped the engine and stepped down from the forklift to show his assistants the materials inside a box located 10 meters behind the forklift.
- While IP was standing between two boxes, the Forklift moved backward due to sloppy area, pushing one of the two boxes catching the IP between the boxes.
- The incident caused injury to IP right hand and arm.
- Crew released the IP from the boxes and transferred him to Medical Centre. X-Ray showed a fracture in his right hand wrist.

Picture of the Forklift with the wooden Box



Descriptive Layout of the Workshop and the Incident

10 m Distance between Fork lift and Wooden Boxes



Findings

Immediate Causes:

- The handbrake was not engaged while the forklift was parked. This caused the forklift to move backward due to the gradient of the area.
- Unsafe body position and failure to follow basic safety practices.

Root Causes:

- This is a temporary forklift (Regular Forklift on maintenance) and has different hand brake operating procedure (Pneumatic Switch) than the regular mechanical (Pull handle).
- Improper Risk assessment. Site specific hazard as it relates to the slope of the location was not taken into consideration.
- Poor Planning: Task was not properly assessed and planned before work commenced.

Agreed Corrective Actions

- Pneumatic hand brake switch to be marked with operating procedure.
- Operators to be trained on all features of forklift /vehicle. Refresher training to be organised for operators especially on new features.
- Rigging and Slings training for personnel.
- Cascade incident and share learning at safety meeting.
- In addition to the hazard register and risk assessment, JSA should be carried out to complement the hazards and controls identified in the hazard register.
- Examination of Forklift for any mechanical problems relating to the incident

Thank you

Any Questions?

