

HSE NEWS

WORKING FOR YOU TO KEEP YOU SAFE

Latest HSE Statistics YTD 15 July Workplace fatalities 2013 2014 Workplace fatalities 1 4 Non-work related fatalities 7 1 Non-accidental deaths (NADs) 3 10 Lost Time Injuries (LTIs) 27 33 All injuries (excluding first aid cases) 97 94 Motor Vehicle Incidents (MVIs) 71 51 Roll over - MVIs 21 15 Serious MVIs N/A 20 Lost Time Injury Frequency (LTIF) 0.29 0.35

Journey management	56
Speeding	30
Seatbelts	33
Overriding safety device	1
Working at heights	2
Permit	0
Confined space	0
Lock out tag out	0
Drugs and alcohol	0

Life Saving Rules Violations YTD 15 July

Latest Class A/B Violations YTD 15 July

Gas testing

Class A	135
Class B	2335

Drive Safely always adhere to the speed limits buckle up and be aware of Fatigue.

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Important News



Figure 1 Open bunded oil tank Showing arrangements for both fixed and flexible draw off point sight gauge Minimum clearance of bund wall recommended Lockable drain valve draw-off/feed lines with plug or cap that pass through the bund wall must nave the hole fully sealed to maintain ound integrity. Damp proof membrane between tank and support Where fitted, flexible able bund wall and base with angle fillet at junction to deflect ice - capacity 110% of tank Permanent outlet fitted with valve and locked shut

Spill in simple terms is defined as any discharge into the natural environment (land or water) from or out of a pipeline, vessel, structure, vehicle or other container. In the oil industry the most common spill is a "pinhole leak" from pipelines.

Preventing a spill is not always easy, especially in the oil industry, where you have thousands of kilometers of flowlines. You should always keep a long term strategy for flow-lines replacement and chose pipeline material, which is "fit for purpose".

High spill potential (e.g. main oil line's block valve stations) shall be constructed in a bunded appropriately designed, impervious and compatible with the material stored in it. The banded area shall not be less than 110% of the largest container in the system or 25% of the aggregate total capacity of the containers, whichever is the greater.

Figure 1 above shows a bunded storage tank installation constructed in situ, with both fixed and flexible draw-off pipes.

What You Need to Know

Eid Driving Tips:

As we are approaching the Eid Al Fitr holidays, a time where we engage in a lot of travel, I would like to remind you all to pay extra care with regards to driving. Always adhere to the speed limits, buckle up and be aware of fatigue "Stay alert".

Wish you all and your families Eid Mubarak and stay safe.

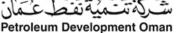
Incident Reporting:

PDO has recently uncovered some under-reported LTI incidents by some contractors. MD has issued a letter to all contractor CEOs, regarding under-reporting of incidents. It is serious breach of contract requirements. All relevant incidents must be reported and investigated accordingly.

Upcoming Events:

26th Aug – Life Saving Rules Re-energizing





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HSE Advice Note

Spill Response:

In case of a spillage, priority shall be in this order:

- 1. Safety of Individual
- 2.Environmental Protection
- 3.Damage Control

The following thing you need to know when spill occurs:

- •Any spill needs to be reported in PDO Incident Management (PIM) regardless of the volume spilled.
- •Any oil spill greater than 10m³ needs to be reported to Ministry of **Environment and Climate Affairs** (MECA) within 24 hours though MSE2 department. Provide spill kits wherever there is a hazardous chemical substance. Unless you know the material spilt and trained to attend it.

You should never attempt to deal with it. Inspection of the containers and pipelines is necessary to ensure its integrity. Wherever this becomes difficult, e.g. flowlines then make sure to have a suitable replacement plan in place.

Following an oil spill, the following steps shall be taken:

- 1.Stop the spill source
- 2.Barricade the Area
- 3. Aim to contain the spillage by:
- a. Stopping it from entering drains.
- b.Channel it to a pit.
- 4.If liquid oil is present, collect it using vacuum tanker.

5.Initiate restoration (cleanup) process using mechanical and/or manual tools. The aim of restoration is to leave the site in a condition which does not result in a potential for undue future liability to the Company.

- 6. For oil leaks in soil greater than 10m3, once the area is cleaned:
- a. Collect soil samples and analyse it for Total Petroleum Hydrocarbon (TPH).
- b.If TPH content is greater than 1% (10,000 mg/kg), then do further cleaning of the area.
- c.Once the target is achieved, replace the excavated contaminated soil with fresh one.

