



HSE NEWS

WORKING FOR YOU TO KEEP YOU SAFE

Latest HSE Stats YTD 31 May	2015	2016
Workplace fatalities	1	1
Non-work related fatalities	1	2
Non-accidental deaths (NADs)	4	6
Lost Time Injuries (LTIs)	21	14
All injuries (excluding first aid cases)	78	88
Motor Vehicle Incidents (MVIs)	44	33
Roll over - MVIs	9	12
Serious MVIs	11	14
Lost Time Injury Frequency (LTIF)	0.27	0.18

Life Saving Rules Violations YTD 31 May	
Journey Management	9
Speeding/GSM	5
Seatbelts	10
Overriding Safety Device	1
Working at Heights	4
Permit (PtW)	8
Confined Space	0
Lock Out Tag Out	0
Drugs and alcohol	0
Gas testing	0
Smoking	4
Suspended Load	0

Vehicle Class A/B Defects YTD 31 May 2016	
Class A	19
Class B	907

HSE Tip

- Drivers must always follow and comply with Life Saving Rules and PDO Golden Rules.
- Drivers must understand their roles and responsibilities pertaining to road safety and actively participate in road safety initiatives.

Important News

Motor Vehicle Incidents (MVIs) are one of the greatest challenges faced by the Oil & Gas Industry worldwide. PDO and its contractor community are no different, especially if the operational environment and land transport exposure are taken into consideration; where every year vehicles engaged on PDO business drive close to 280 million kilometers. Risks associated with such a high exposure must be managed at all levels and at all times. Failure to do so can lead to loss of life and serious injury. To successfully manage these risks, PDO management is committed to maintaining safe drivers, safe vehicles, safe loads and safe roads.

The PDO Road Safety Management System focuses on meeting its road safety objectives and guides the planning of activities to achieve this by application of the integrated management of the seven major road safety elements, identified as:

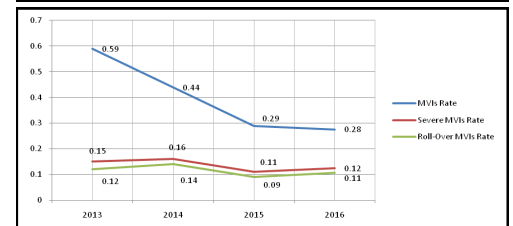
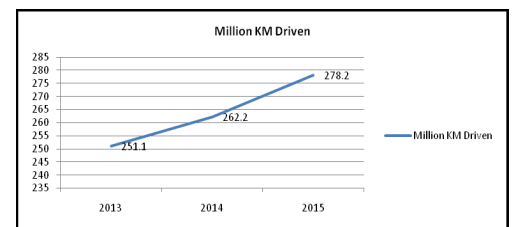
- Leadership and Commitment
- Driver Safety
- Vehicle Safety
- Roadworthiness Assurance Standards
- Safe Journey Management
- In-Vehicle Monitoring System
- Load Safety and Restraining

On the 28th April 2016, PDO operations achieved a tremendous milestone – 500 million kilometers driven without a work related recordable fatality. This milestone has never been achieved in PDO before and came at a time when we are all chal-

lenged with the low oil price.

The previous work related fatal MVI occurred on the 1st July 2014, when three contractors' employees died in a head-on collision; since then we suffered 74 severe MVIs of which 66 involved roll-over of the vehicle. Roll-overs remain the most frequent cause of the serious MVIs, which occur globally in the Oil & Gas Industry. In PDO they sadly still account for over 80% of our severe MVIs, having suffered 106 of them since 2013. Each one had a high potential to kill.

PDO made progress in reducing the number of roll-overs and their consequences through a number of road safety initiatives successfully implemented, which included defensive driving training, roll-over cages for light vehicles, IVMS monitoring and driving forums, but we still need to do more.



What You Need to Know

Tips to avoid roll-over incidents:

- Know your vehicle and load. Sport Utility Vehicles (SUVs), canter type of vehicles, pickups and trucks have a higher centre of gravity and hence are more likely to be involved in a roll-over incident. Over loading, insufficient load restraint and inadequate load distribution will additionally decrease vehicle stability.
- Keep tyres in balance. When the air pressure in your tyres is out of balance, it can make your vehicle unstable and more susceptible to rolling over. Check the air in your tyres regularly. Also, have your

vehicle tyres professionally balanced when they are rotated. A well-balanced vehicle is a safer vehicle.

- Make sure you respect road conditions, environment and other road users and adjust your speed accordingly.
- Slow down in turns and always brake well ahead of your approaching stop.
- Stay alert, observe the road conditions, and plan your actions well ahead.
- Don't drive fatigued, stop and take a rest.
- Remember the DDT technique if

you lose control and get off the road; slow the vehicle down and keep it straight without the need to go back to the main road; in most cases there are no obstacles or barriers in front of the vehicle.

- Avoid sudden changes in direction, over steering and harsh braking.
- If you as a supervisor have a novice driver in your operations, make sure they are trained for site specific hazards, road conditions, and are mentored/ accompanied with a more experienced colleague when driving.



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PDO Corporate Road Safety Initiatives

The record of 500 million KM driven without work related fatality sadly may come to an end; in the early hours of 8th May 2016 a contractor employee was fatally injured in a collision on the Nimr – Marmul road. The investigation is still in progress and the MVI classification will be done once all circumstances are known and investigation is concluded. Nevertheless, this unfortunate event is a reminder that we still have a long way to go to achieve “Goal Zero” but this milestone is a credit to every driver, journey manager, mechanic and manager in our business. In order to continue on our journey to “Goal Zero” and avoid all future deaths in our delivery of oil and gas for the Nation, we need to stay focused and always lead by example. The PDO Road Safety Team in MSE is focused on delivering a 5 year road safety strategy that includes a set of actions and projects that will tackle drivers, vehicles and roads. These include:

Driving Forums and Heart & Mind campaigns to enhance driver behaviour.

Processes mapping and simplification of the relevant procedures and specification (SP2000, PR-1972, PR-1973, PR-1974, PR-1993).

Extending the road system fitted with solar self-lit road reflectors (1,094 KMs) to im-



prove safety and visibility on roads, during darkness and low visibility conditions. It's a cost effective substitution for classic street lighting. The pilot project on the Nimr - Rima road has been a great success, in terms of both safety and visibility.

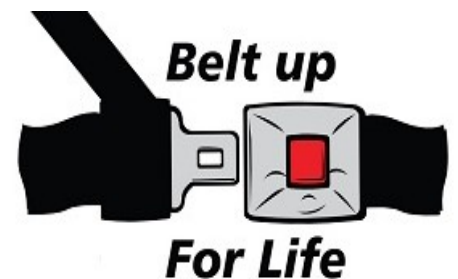
Combining the Roadworthiness Assurance Standards (RAS) and ROP inspection process using mobile automated vehicle inspection lines to improve the roadworthiness assurance standards of vehicles by having a formal RAS contract in place. We will have a mobile facility delivering both ROP and RAS inspections reducing travel exposure during

ROP registration renewal and enhancing the availability of vehicles at site.

Implementation of the recommendations from the Tyre Safety Study we conducted this year to enhance road tyre safety standards.

Tackling fatigue management – conducting research on technology that we can use to monitor a driver's heart and brain functions to detect fatigued drivers before they fall asleep.

A LEAN project focusing on the Data Management, Reporting, Statistics with the main objective to improve reporting structure and quality of data management, and better utilization of road safety data for planning of activities and resources to address road related risks.



Sustainable Road Safety System Framework:



- We must always follow and comply with Life Saving Rules and PDO Golden Rules.

- All PDO and contractor employees must understand their roles and responsibilities pertaining to road safety and actively participate in road safety initiatives.

- Managers and supervisors must demonstrate visible leadership and commitment towards road safety.

- All drivers using company vehicles must complete a PDO approved Defensive Driving (DD) training programme and apply DD techniques at all times when driving.

- PDO has given all of us, including the drivers the empowerment to stop unsafe acts, including driving while fatigued or under stress.

- All PDO and contractor drivers must observe and comply with posted speed limits. Where visibility or other environmental conditions require lower speeds, drivers will reduce their speed to match conditions.
- All occupants in Company vehicles must wear seat belts at all times.
- All drivers of Company vehicles must not initiate nor answer mobile phone or radio calls while driving, even if the vehicle is equipped with a hands-free device. The driver must park in a safe place before initiating or answering a call, or responding to a voicemail or text message.
- All vehicles used on PDO business must be fit for purpose as defined in the PDO SP2000 Road Transport Specifications.
- All Company vehicles must have an approved, operational, In-Vehicle Monitoring System fitted in accordance with the procedure PR-1993 and SP2000 specifications. Contractors must comply with the IVMS requirements stipulated in their respective contracts.
- To minimise the risk posed by individual journeys, employees must be actively encouraged to use flights and buses for commuting as provided by the company.