



HSE NEWS

WORKING FOR YOU TO KEEP YOU SAFE

Latest HSE Statistics YTD

	2013	2014
Workplace fatalities	0	0
Non-work related fatalities	0	0
Non-accidental deaths (NADs)	0	0
Lost Time Injuries (LTIs)	0	0
All injuries (excluding first aid cases)	0	0
Motor Vehicle Incidents (MVIs)	0	0
Roll over - MVIs	0	0
Serious MVIs	0	0
Lost Time Injury Frequency (LTIF)	0	0

Life Saving Rules Violations

YTD

Journey management	0
Speeding/GSM	0
Seatbelts	0
Overriding safety device	0
Working at heights	0
Permit	0
Confined space	0
Lock out tag out	0
Drugs and alcohol	0
Gas testing	0
Smoking	0
Suspended Load	0

Vehicle Class A/B Defect

YTD

Class A	0
Class B	0

HSE TIP

Acting safely means we work in accordance with procedures at all times. Together, we can create a safe work environment.

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Important News



Process hazards can result in major incidents releasing fluids, fires and explosions with catastrophic effects; injuries and damage both economic, property or environmental. Process safety management prevents these incidents by keeping the hazardous materials in pipes, vessels and equipment. It is about preventing leaks, spills, equipment malfunctions, over-pressures, excessive temperatures, corrosion, metal fatigue, and other conditions.



It focuses on the design and engineering of facilities, hazard assessments, management of change, inspection, testing, and maintenance of equipment, alarms management, effective process control, procedures, training of personnel, and human factors. The time to be most afraid is when we forget to be afraid. Systems and controls can deteriorate and several factors can coincide in the worst possible way to cause a disaster, so we must constantly be on our guard.

What You Need to Know

Welcome to Process Safety:

A framework for managing the integrity of operating systems/processes handling hazardous substances, achieved by applying good design principles, engineering, operating & maintenance practices. It deals with prevention and control of release events.

Know about Asset Integrity:

Is the ability of an asset to function effectively and efficiently whilst safeguarding life and the environment and is achieved when facilities are structurally/mechanically sound and perform processes for which they are designed.

Complacency is a killer:

PDO had 18 big process incidents YTD, a sign that more vigilance is needed. Complacency can creep in and a loss of an appreciation of how multi-layered controls protect us, lessons are forgotten & deviations from procedures become the norm.



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HSE Advice Note

Asset Integrity and Process Safety Management (AI-PSM) is crucial for a sustainable future for PDO. We are trusted to manage the risk in the oil and gas industry, one that involves operating processes of flammable materials at high temperatures and pressures. When something goes wrong, it can go very wrong.

Fortunately, we are able to work with these materials safely. We do this by establishing and maintaining barriers that act as a control against identified hazards. These barriers reduce the likelihood of incidents occurring. Barriers control risks which protect us, our neighbours, our assets, our production and the environment.

There are two kinds of barriers: **critical equipment barriers** and **critical human barriers**. Sometimes these barriers work in combination to prevent disaster. Our actions and decisions are often as important as the equipment safeguards. We can think of these barriers as walls. Any deviation from procedures, any unaddressed alarm or overdue inspection creates a hole in the wall; a small hole, perhaps but create enough holes in enough walls and the barriers fail, which can lead to disaster. Barriers may fail over a period of time with only the last barrier failing shortly before the immediate incident. But the first barriers may have failed

months or even years earlier without being noticed, paving the way for trouble ahead. Our goal is to minimise risks in our operations which takes the commitment of each of us. Think about the equipment barriers that you work with and the procedures that create human barriers against an incident. Ask yourself:

- Do I know the risks that could exist in my areas of the plant?
- Do I understand the barriers that we rely on to manage these risks?
- Do I see any problems with the barriers?
- What is my role in creating and maintaining these barriers?
- If you are unsure of the answers or have questions, take action. Talk with your supervisor or a safety professional.



