

Notifiable incident

Incident ID [5095](#)

Duty holder: INPEX Operations Australia Pty Ltd
Facility/Activity: Ichthys Venturer
Facility type: Floating production storage and offloading facility

Incident details	
Division	Occupational Health and Safety
Notification type	Incident
Incident date	10/10/2017 04:20 PM (WST)
Notification date	10/10/2017 07:20 PM (WST)
NOPSEMA response date	10/10/2017 08:25 PM (WST)
Received by	[REDACTED]
Nearest state	WA
Initial category type <i>(based on notification)</i>	Dangerous Occurrence
Initial category <i>(based on notification)</i>	Unplanned event - implement emergency response plan
3 Day report received	13/10/2017
Final report received	13/10/2017
All required data received	18/10/2017
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	Unplanned event - implement emergency response plan
Brief description	OHS-UPE - Toxic gas alarm caused by adjacent vessel exhaust fumes
Location	Process deck
Subtype/s	Alarm, Muster
Summary <i>(at notification)</i>	The toxic gas detectors in Module 5 were activated. The GA was automatically initiated and all persons on the Ichthys Venturer and the Jascon 25 went to muster and were accounted for. The Emergency response team kitted up with BA sets and went to investigate. They found that the detectors were being activated by the exhaust fumes from the vessel Atlantis Dweller that was assisting with an ROV inspection adjacent to the Ichthys Venturer. Muster stood down.
Details <i>(from final report)</i>	Atlantis Dweller was in close proximity to the Port side of the FPSO adjacent to module 5 executing ROV inspection work-scope of the FPSO Hull. The relative wind direction on the day was carrying exhaust from the Atlantis Dweller straight into Module 5. Emergency Response Team (ERT) deployed to investigate the alarms reported the strong smell of diesel exhaust emissions. Further, some members of the ERT Personal Gas Monitors alerted indicating CO present.
Immediate cause/s	Exhaust fumes from the adjacent vessel Atlantis Dweller activated the toxic gas detectors in Module 5 of the Ichthys Venturer.
Root cause/s	ED - TOLERABLE FAILURE
Root cause description	Exhaust emissions from the Atlantis Dweller activated multiple toxic gas detectors leading to executive action. Toxic Gas Detector alarms did not alarm in the CCR until 2 detectors were in high alarm (200N)

Duty inspector recommendation	
Date	11/10/2017
Duty inspector	██████████
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	11/10/2017
Decision	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Non-major investigation review and recommendation	
Date	11/10/2017
Inspector	██████████
Risk gap	None
Type of standard	Established
Initial strategy	Inclusion in annual stats/data analysis

Recommended follow up strategy	
Recommended strategy	Inclusion in annual report stats / data analysis
Supporting considerations	The alarm was triggered by H2S sensors. The facility has yet to receive hydrocarbon, therefore the situation / scenario as described in the initial report is considered most probable (false alarm). ██████████

Non-major investigation decision	
Date	16/10/2017
RoN	██████████
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	Agreed - no risk gap.

Associated inspection	
Inspection ID	