

Notifiable incident

Incident ID [5113](#)

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	25/10/2017 07:41 AM (WST)
Notification date	25/10/2017 08:42 AM (WST)
NOPSEMA response date	25/10/2017 10:19 AM (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	27/10/2017
Final report received	20/11/2017
All required data received	20/11/2017
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- Muster on facility due to gas alarm
Location	Deck
Subtype/s	Muster, Alarm
Summary <i>(at notification)</i>	<p>Operator advised that indication of gas at crane 2 initiated a GA and muster. There is currently no HC gas being brought onto the facility so assumed as a false alarm. All crew mustered and ERT deployed.</p> <p>No issues identified. All crew stood down and investigation underway into activation of detector.</p>
Details <i>(from final report)</i>	<p>At 07:41hrs WST the General Alarm was initiated due to indication of gas from detectors S83DGC482 and S83DGC483, located at the air intakes of FPSO Venturer starboard pedestal crane2. Note: Hydrocarbons have not been introduced to the facility. Personnel on board commenced mustering Emergency response team were deployed to the crane. On investigation no evidence of gas or other fumes were found. Gas detectors were reset. Facility mustered all persons were accounted for. Facility returned to normal status at 07:59hrs WST.</p> <p>Two crane gas detectors S832-DGC-482 and S832-DGC-483 went into alarm due to a fault; no hydrocarbons were found present using hand held gas detectors. On investigation the brushes were slightly misaligned and were running up against the Teflon spacer between rings. The brushes have been adjusted so that they now run central to the ring. Each gas detector on Crane 2, was inspected, along with circuit wiring and terminal tightness was checked from detector through sliprings and J/box's to HIMA input. These were found to be satisfactory.</p>
Immediate cause/s	False Alarm. No evidence of gas or other fumes were found. Gas detectors were reset in CCR. Note: Hydrocarbons have not been introduced to the facility
Root cause/s	ED - TOLERABLE FAILURE
Root cause description	On investigation the brushes were slightly misaligned and were running up against the Teflon spacer between rings.

Duty inspector recommendation	
Date	25/10/2017
Duty inspector	██████████
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	25/10/2017
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	30/10/2017
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	<p>Facility mustered due to F&G detection happened in the past. There is no HC at the facility. 3 days report confirmed as false alarm. ██████████</p> <p>Final report confirmed gas detectors S832-DGC-482 and S832-DGC-483 went into alarm due to a fault; no hydrocarbons were found present using hand held gas detectors. ██████████</p>

Non-major investigation decision	
Date	31/10/2017
RoN	██████████
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	

Associated inspection	
Inspection ID	