

Notifiable incident

Incident ID [5250](#)

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	Information Provided
Incident date	04/02/2018 07:10 AM (WST)
Notification date	04/02/2018 12:07 PM (WST)
NOPSEMA response date	04/02/2018 12:33 PM (WST)
Received by	[REDACTED]
Nearest state	WA
Initial category type <i>(based on notification)</i>	Other
Initial category <i>(based on notification)</i>	Information provided to NOPSEMA
3 Day report received	06/02/2018
Final report received	06/02/2018
All required data received	06/02/2018
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	Other kind needing immediate investigation
Brief description	INFO - Diesel leakage from Inert Gas (IG) generator fuel supply line
Location	Process deck
Subtype/s	Spill
Summary <i>(at notification)</i>	<p>- Facility OIM reported an uncontrolled release of diesel of approximately 400 litres ; - release was provoked by flange leakage at fuel supply line to the Inert Gas (IG) whilst filling up day tank; - IG generator located at Module 4 Level 2 (OIM mentioned that Module location is well inboard within facility layout); - the diesel spilled to the deck and through the grating and into the bundle on the deck below; - diesel spill was fully contained on-board and no spill to sea was experienced; - immediate actions included; stopping immediately diesel supply operations to both IG systems; - commenced clean-up operations; and - commenced incident investigation with facility personnel.</p> <p>Facility still conducting hook up and commissioning activities.</p> <p>Incident will be reported as part of the monthly environmental (recordable but not reportable under EP).</p> <p>OIM mentioned that under INPEX system this may be recorded as low potential (OHS) near miss but still under discussion.</p> <p>Incident will be discussed with OHS Focal point ([REDACTED]) during his visit this week and will be escalated to an incident if Focal point or FPD team deem necessary.</p>

Details (from final report)	<ul style="list-style-type: none"> - Facility OIM reported an uncontrolled release of diesel of approximately 400 litres ; - release was provoked by flange leakage at fuel supply line to the Inert Gas (IG) whilst filling up day tank; - IG generator located at Module 4 Level 2 (OIM mentioned that Module location is well inboard within facility layout); - the diesel spilled to the deck and through the grating and into the bundle on the deck below; - diesel spill was fully contained on-board and no spill to sea was experienced; - immediate actions included; stopping immediately diesel supply operations to both IG systems; - commenced clean-up operations; and - commenced incident investigation with facility personnel. <p>Facility still conducting hook up and commissioning activities.</p> <p>Incident will be reported as part of the monthly environmental (recordable but not reportable under EP)</p> <p>OIM mentioned that under INPEX system this may be recorded as low potential (OHS) near miss but still under discussion.</p> <p>Incident will be discussed with OHS Focal point () during his visit this week and will be escalated to an incident if Focal point or FPD team deem necessary.</p>
Immediate cause/s	Flange leakage at IG generator fuel supply line due to loose bolts on a flange.
Root cause/s	HPD - PROCEDURES - Followed incorrectly - >1 action step
Root cause description	Loose bolts on flange - failed to check during line walk
Release type	Hydraulic/fuel oil
Equipment	Joints/flanges
Liquid (L)	400

Duty inspector recommendation	
Date	05/02/2018
Duty inspector	
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	05/02/2018
Decision	Do not conduct Major Investigation
Reasoning	Not applicable
Supporting considerations	

Non-major investigation review and recommendation	
Date	26/02/2018
Inspector	
Risk gap	
Type of standard	
Initial strategy	

Recommended follow up strategy	
Recommended strategy	Investigate
Supporting considerations	The diesel spill on module 6 IG generator was followed up in planned inspection 1695. The spillage occurred a flange joint with 2 loose bolting at module 6. Prior to diesel fuel transfer, Project & Operations team has line walked and inspected the entire piping route and no anomalies identified. The system was previously utilised therefore under pressure in the yard. No explanation (no prior work history) can be found in relation to loose bolting. [REDACTED]

Non-major investigation decision	
Date	26/02/2018
RoN	[REDACTED]
RoN review result	Agree with recommendation
Strategy decision	Investigate
Supporting considerations	Followed up at inspection 1695 as the inspectors were at the facility at the time

Associated inspection	
Inspection ID	