

# Notifiable incident

**Incident ID** [5472](#)

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

Incident details	
<b>Division</b>	Occupational Health and Safety
<b>Notification type</b>	Incident
<b>Incident date</b>	29/06/2018 12:45 PM (WST)
<b>Notification date</b>	29/06/2018 01:56 PM (WST)
<b>NOPSEMA response date</b>	29/06/2018 02:02 PM (WST)
<b>Received by</b>	[REDACTED]
<b>Nearest state</b>	WA
<b>Initial category type</b> <i>(based on notification)</i>	Dangerous Occurrence
<b>Initial category</b> <i>(based on notification)</i>	Unplanned event - implement emergency response plan
<b>3 Day report received</b>	02/07/2018
<b>Final report received</b>	16/07/2018
<b>All required data received</b>	16/07/2018
<b>Final category type</b> <i>(based on final report)</i>	Dangerous Occurrence
<b>Final category</b> <i>(based on final report)</i>	Unplanned event - implement emergency response plan
<b>Brief description</b>	OHS-UPE-Heat Detector Activation
<b>Location</b>	Deck
<b>Subtype/s</b>	Alarm, Emergency response, Muster
<b>Summary</b> <i>(at notification)</i>	<p>Operator advised that during work on a heat detector in the enclosure for MPG2 (which was offline), the head was activated which resulted in a GA and muster. The ERT was deployed and not fire or smoke was identified.</p> <p>A PTW was in place for the activity and the operator is investigating further what has occurred to activate the detector.</p>
<b>Details</b> <i>(from final report)</i>	<p>Operator advised that during work on a heat detector in the enclosure for MPG2 (which was offline), the head was activated which resulted in a GA and muster. The ERT was deployed and not fire or smoke was identified.</p> <p>A PTW was in place for the activity and the operator is investigating further what has occurred to activate the detector.</p> <p>At 12:41 hrs the facility experienced an unplanned alarm resulting in a General Alarm (GA) and Persons on Board (POB) muster. FPSO Venturer facility mustered and all persons were accounted for. The initiator was a confirmed fire indication in Main Power Generator 2 (MPG) turbine enclosure. MPG2 was shut-down and isolated for maintenance at the time. The Emergency Response Team (ERT) was mobilised to investigate and found no indication of smoke or fire in MPG2 turbine enclosure and there was no impact to Facility/Personnel/Environment. FPSO Venturer facility returned to normal status at 13:00 hrs.</p>
<b>Immediate cause/s</b>	Initiation of 2 heat detector loops (S-782-DXA-267 C/E) in MPG2 turbine enclosure resulting in confirmed fire signal, S-782-DAS-A651. Investigation commenced.

<b>Root cause/s</b>	HPD - WORK DIRECTION - Preparation - no preparation, HPD - MGMT SYS - Stds, policies, admin controls not used - accountability NI, HPD - TRAINING - Understanding NI - instruction NI, HPD - HUMAN ENGINEERING - Human-machine interface - labels NI
<b>Root cause description</b>	<ol style="list-style-type: none"> <li>1. The confirmed fire signal S-782-DAS-A651 was not put in override. Job scope not reviewed and prepared.</li> <li>2. Initial trouble shooting undertaken on fire and gas system on MPG2 was not as per the Integrated Safe System of Work (ISSoW) process.</li> <li>3. Improper decision making/failure to apply knowledge – work party perceived task to be non-intrusive work, not requiring a permit on the MPG2 which was shut down and isolated.</li> <li>4. The label on Fire Fighting (FF) package was not explicit which caused the technician to not recognise the condition of the potential fire and gas activation.</li> </ol>

**Duty inspector recommendation**

<b>Date</b>	29/06/2018
<b>Duty inspector</b>	██████████
<b>Recommendation</b>	Do not conduct Major Investigation
<b>Reasoning</b>	Does not meet MI threshold based on information received
<b>Supporting considerations</b>	

**Major investigation decision**

<b>Date</b>	29/06/2018
<b>Decision</b>	Do not conduct Major Investigation
<b>Reasoning</b>	Does not meet MI threshold based on information received
<b>Supporting considerations</b>	

**Non-major investigation review and recommendation**

<b>Date</b>	05/07/2018
<b>Inspector</b>	██████████
<b>Risk gap</b>	None
<b>Type of standard</b>	Established
<b>Initial strategy</b>	Inclusion in annual stats/data analysis

**Recommended follow up strategy**

<b>Recommended strategy</b>	Inclusion in annual report stats / data analysis
<b>Supporting considerations</b>	<p>Reviewed the 3 day report and incident was confirmed as false alarm. Heat detectors located in Main Power Generator 2 (MPG) turbine enclosure went into alarm . MPG2 was shut-down and isolated for maintenance at the time. The alarm escalated went into GPA. INPEX has commenced their investigation. The FPSO mustered as required and subsequently stood down upon confirmation.</p> <p>The facility has previously mustered due to false alarm. ██████████</p>

**Non-major investigation decision**

<b>Date</b>	05/07/2018
<b>RoN</b>	██████████
<b>RoN review result</b>	Agree with recommendation
<b>Strategy decision</b>	Inclusion in annual report stats / data analysis
<b>Supporting considerations</b>	

**Associated inspection**

<b>Inspection ID</b>	
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