

# Notifiable incident

**Incident ID** [5277](#)

**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>	18/02/2018 12:55 PM (WST)
<b>Notification date</b>	18/02/2018 02:40 PM (WST)
<b>NOPSEMA response date</b>	18/02/2018 12:00 AM (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>	21/02/2018
<b>Final report received</b>	21/02/2018
<b>All required data received</b>	21/02/2018
<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 Fire alarm in HPU Room B
<b>Location</b>	Process deck
<b>Subtype/s</b>	Emergency response, Muster, Alarm
<b>Summary</b> <i>(at notification)</i>	<p>A general alarm was triggered by an indication of fire in the the HPU Room B, in upper machinery space on C Deck. Multiple smoke detectors and one oil mist detector in HPU Room B were activated. The operator believes the alarm was caused by discharge from air dryer piping that had been recently modified. A full muster was conducted and the ER team investigated the area wearing breathing apparatus. A light mist was seen but there was no indication of fire. The operations team are investigating.</p> <p>[REDACTED] called back to confirm details but there was no answer.</p>

<b>Details</b> <i>(from final report)</i>	<p>A general alarm was triggered by an indication of fire in the the HPU Room B, in upper machinery space on C Deck. Multiple smoke detectors and one oil mist detector in HPU Room B were activated. The operator believes the alarm was caused by discharge from air dryer piping that had been recently modified. A full muster was conducted and the ER team investigated the area wearing breathing apparatus. A light mist was seen but there was no indication of fire. The operations team are investigating.</p> <p>██████ called back to confirm details but there was no answer.</p> <p>At 12:55 there was initiation of two smoke detectors and one oil mist detector in HPU Room B Aft MS C-Deck initiating executive action GPA. The facility fully mustered in a timely manner and ERT sent to investigate the area. On investigation there was no fire or smoke reported by the ERT. On further investigation it was found that the initiation was due to the Air Dryer 'A' vent discharging and dislodging residual dust deposits on structural pipework and cable tray in the vicinity of the vent. This is believed to have formed a cloud initiating the smoke detectors. The Air Dryer 'A' vent had been modified and this was the first use of this vent in the new location. The HPU room has been cleaned down by a rope access team and the air dryer restarted to ensure the event mitigation has been successful. No further alarm initiation has been recorded.</p>
<b>Immediate cause/s</b>	Initiation of two smoke detectors and one oil mist detector in HPU Room B Aft MS C-Deck due to the air dryer vent discharging and dislodging built up dust and small particles from the top of structure and cable trays from the roof area of the room. Vent had recently been moved.
<b>Root cause/s</b>	Not Applicable
<b>Root cause description</b>	GA initiated on activation of confirmed fire in JC03 FZ 4 (fire x 2 smoke loop), coincident with high velocity air purge event. Given residual dust deposits on structural pipework in the vicinity of the vent, this is believed to have formed a cloud initiating the smoke detectors. The smoke detectors worked as intended - not root cause applicable.

#### Duty inspector recommendation

<b>Date</b>	18/02/2018
<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>	26/02/2018
<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>	27/02/2018
<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>	Reviewed the initial & final report - The incident was confirmed as false alarm. The suspected initiation was due to the Air Dryer 'A' vent discharging and dislodging residual dust deposits on structural pipework and cable tray in the vicinity of the vent. This is believed to have formed a cloud initiating the smoke detectors. The Air Dryer 'A' vent had been modified and this was the first use of this vent in the new location. They have conducted a controlled test of new Air Dryer A vents to ensure smoke detectors are not activated and no further issue identified. ██████

<b>Non-major investigation decision</b>	
<b>Date</b>	10/03/2018
<b>RoN</b>	[REDACTED]
<b>RoN review result</b>	Agree with recommendation
<b>Strategy decision</b>	Inclusion in annual report stats / data analysis
<b>Supporting considerations</b>	Agreed - no risk gap.

<b>Associated inspection</b>	
<b>Inspection ID</b>	