

# Notifiable incident

**Incident ID** [5301](#)

**Duty holder:** INPEX Operations Australia Pty Ltd

**Facility/Activity:** CPF Ichthys Explorer

**Facility type:** Other platform with accommodation facilities when drilling/workover facilities are not in commission

Incident details	
<b>Division</b>	Occupational Health and Safety
<b>Notification type</b>	Incident
<b>Incident date</b>	02/03/2018 10:00 PM (WST)
<b>Notification date</b>	03/03/2018 08:25 AM (WST)
<b>NOPSEMA response date</b>	03/03/2018 09:02 AM (WST)
<b>Received by</b>	
<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>	Damage to safety-critical equipment
<b>3 Day report received</b>	06/03/2018
<b>Final report received</b>	28/03/2018
<b>All required data received</b>	28/03/2018
<b>Final category type</b> <i>(based on final report)</i>	Dangerous Occurrence
<b>Final category</b> <i>(based on final report)</i>	Damage to safety-critical equipment
<b>Brief description</b>	OHS - DSCE - Paint store water mist failed to meet performance standard
<b>Location</b>	
<b>Subtype/s</b>	Facility integrity
<b>Summary</b> <i>(at notification)</i>	<p>During checks of paint store water mist active fire protection system it was found that the water cylinders were not filled up at required capacity, failing to meet their performance standard. The system has been promptly re-filled addressing the problem.</p> <p>From installation and commissioning, the system have been monitored for small nitrogen leaks through the pipework. During those checks the water cylinder deficiencies were found. The system will continued to be monitored for small leaks until fully rectified.</p>
<b>Details</b> <i>(from final report)</i>	<p>During checks of paint store water mist active fire protection system it was found that the water cylinders were not filled up at required capacity, failing to meet their performance standard. The system has been promptly re-filled addressing the problem.</p> <p>From installation and commissioning, the system have been monitored for small nitrogen leaks through the pipework. During those checks the water cylinder deficiencies were found. The system will continued to be monitored for small leaks until fully rectified.</p> <p>Checks on water cylinders for paint store water mist fire extinguishing system found main bank approximately 50% filled and reserve bank empty. This situation may have prevented the system from meeting the Active Fire Protection Performance Standard CPF (I/CPF/MI-01.01 ref F 10.3)</p>
<b>Immediate cause/s</b>	Small leaks in the paint store water mist system caused the water bottles to deplete. The bottles were emptied after the Operational Test Procedure was signed as complete. The Maintenance work instruction and the method applied to test the water levels were inadequate.
<b>Root cause/s</b>	HPD - PROCEDURES - Wrong - situation not covered
<b>Root cause description</b>	The Maintenance work instruction and the method applied to test the water levels were inadequate.

Duty inspector recommendation	
Date	06/03/2018
Duty inspector	██████████
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision	
Date	06/03/2018
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	07/03/2018
Inspector	██████████
Risk gap	None
Type of standard	Established
Initial strategy	Investigate

Recommended follow up strategy	
Recommended strategy	Investigate
Supporting considerations	<p>The paint store water mist system is provided with 100% reserve capacity even with reduced capacity (water level), the system is still capable for active fire protection duty. The system remain functional and water capacity has since been re-established. There are other means of controlling fire in the paint store.</p> <p>INPEX has previously reported incident related to control measure (SCE) system downgrade. A SCE deviation risk control protocol typically applied. Being that the deficiency for the paint store water mist system is short of water level, the exposure is short, the facility would simply top up the water level to full capacity.</p> <p>3D report indicates reserve bank was empty &amp; the main cylinder at 50%. Will review 30day report to see their investigation findings &amp; outcomes. The broader implication of systems under INPEX's operations control, the level of check at acceptance for systems (under operations control) and the regular checks from that point on by Operations, will need to be discussed and followed up. ██████████</p>

Non-major investigation decision	
Date	07/03/2018
RoN	██████████
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	

Associated inspection	
Inspection ID	1724