

Environmental Inspection

Document No: N-02200-FM1486 A775983

Date: 21/08/2020

Environment Plan:	Ichthys Project Offshore Facility (Operation) Document No. X075-AH-PLN-00015; Rev 5 (dated 8 March 2018)
Title(s):	WA-50-L
Titleholder:	INPEX Operations Australia Pty Ltd
Nominated titleholder's representative:	██████████
Inspection dates:	Onshore: 29-30 March 2021
Regulated Business Premises:	Level 22, 100 St Georges Terrace, Perth WA 6000
Prepared by:	████████████████████
NOPSEMA Reference:	RMS ID: 2109

1. Inspection Team

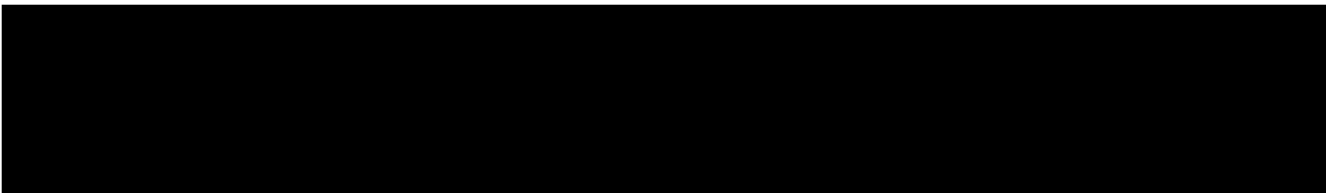
The inspection team comprised the following personnel:

Lead inspector	██████████
Inspection Team	██████████

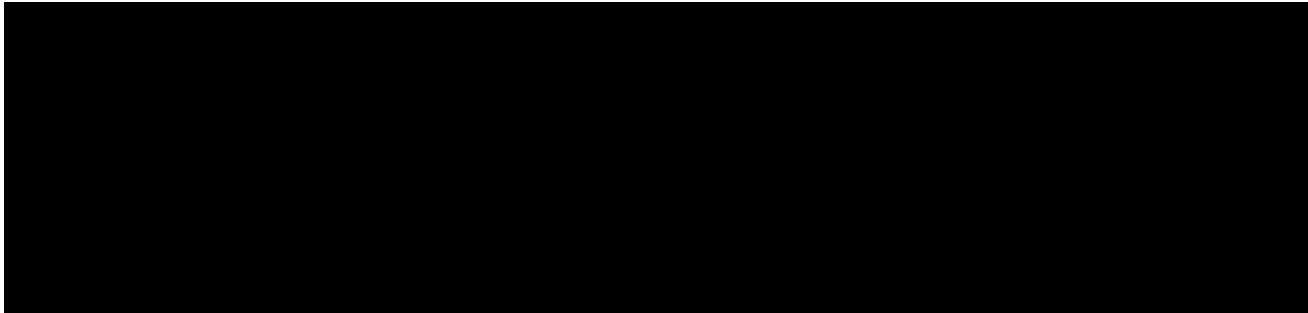
2. Scope

The areas covered in this inspection included:

Item 1: Verification of commitments regarding the recommendations from previous inspections:





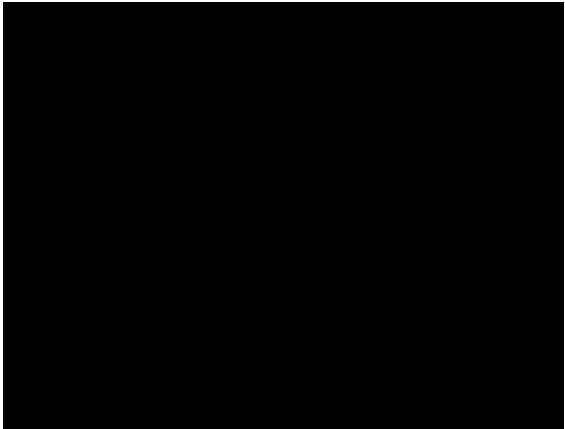
- Inspection 1960 – Planned emissions and discharges (flaring emissions and reduction technologies).



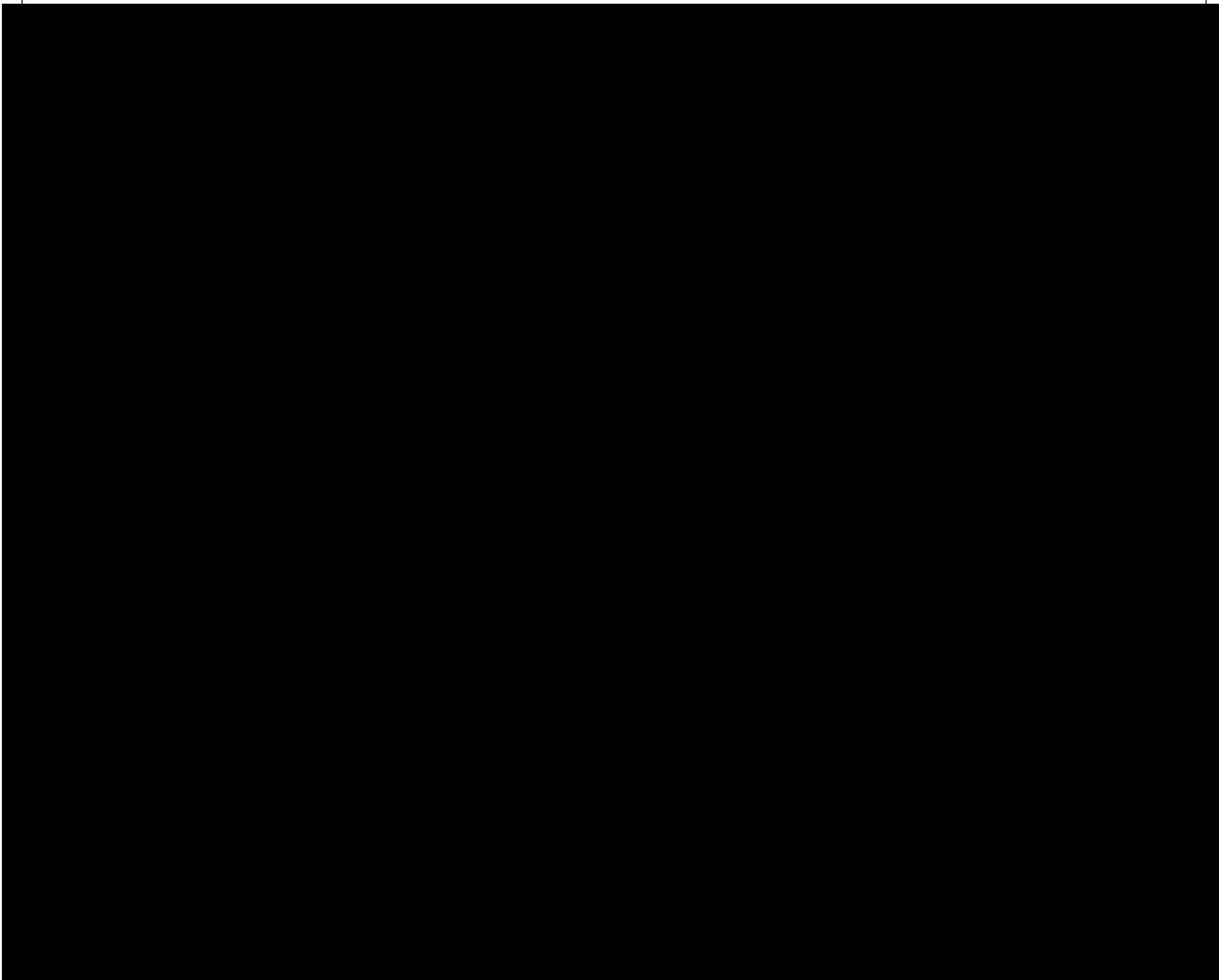
3. Observations/Findings

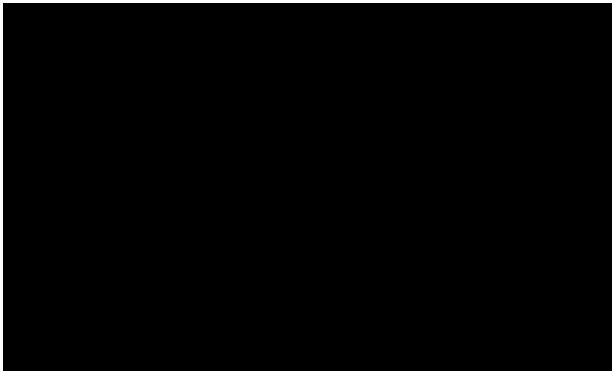
The following provides an overview of the observations and findings from the inspection.

The draft inspection report will generally be issued to the titleholder within 2 weeks of the onsite exit meeting. At the time the draft report is issued, an offer will be made to the titleholder's onshore management to discuss the findings of the draft report with the inspection team. There will also be an opportunity for the titleholder to correct any factually incorrect information contained within the draft report. Following the receipt of any comments, NOPSEMA will finalise and issue the inspection report. When recommendations are raised in the report, NOPSEMA may seek information to verify the titleholders progress in addressing the recommendations by the agreed due date.

<p>General Comment:</p> <ul style="list-style-type: none"> All personnel interviewed throughout the duration of the inspection demonstrated a high degree of working knowledge, technical competency and procedural awareness of the activity which was evident across all areas of enquiry. Throughout the duration of the 2-year inspection program, NOPSEMA inspectors recognise the consistent transparency provided by INPEX. INPEX has demonstrated a thorough investigation of the issues associated with the flaring   highlighting the complexities of resolving these issues. 	
<p>Item 1: Verification of commitments regarding the recommendations from previous inspections.</p>	
<p>Positive findings</p> <ul style="list-style-type: none"> Suitable evidence has been provided to support the close-out of outstanding Recommendations: 	<p>Observations</p> <ul style="list-style-type: none"> Recognising the technical challenges associated with commissioning the 'Flash Gas Compressor' and 'Off-gas Recovery System', successful implementation of emissions reduction technologies have not yet been achieved in accordance with commitments in the Environment Plan. It is noted that significant corrective actions are presently being implemented for the Flash Gas Compressor (e.g. flare tip replacement campaign) and Off-gas Recovery System (e.g. investigation and technical assessment).

<ul style="list-style-type: none"> ○ 1960-1: Revision of monthly and yearly flaring target calculation; ○ 1960-2: Implementation and completion of the action plan for commissioning of the 'Flash Gas Compressor' and 'Off-gas Recovery System'. 	
<ul style="list-style-type: none"> ■ [REDACTED] ■ [REDACTED] ■ [REDACTED] ○ FPSO Flash Gas Compressor and CPF Off-gas Recovery System. <p>It is noted that additional corrective actions beyond those specified in action plans for outstanding Recommendations (see above) has been observed, e.g. [REDACTED]</p> <p>[REDACTED]</p>	<ul style="list-style-type: none"> • [REDACTED] • [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] have not yet been achieved in accordance with commitments in the Environment Plan. • It is noted that temporary monitoring procedures have been applied in the absence of reliable [REDACTED] [REDACTED] for the purpose reporting [REDACTED] [REDACTED].



	
	<ul style="list-style-type: none">•

NOPSEMA is committed to continuous improvement of its regulatory practices. Personnel involved in a NOPSEMA Environmental Inspection may submit feedback on the inspection via email to feedback.inspection@nopsema.gov.au