



Works Approval

Environmental Protection Act 1986, Part V

Works Approval Holder: Chevron Australia Pty Ltd

Works Approval: W5480/2013/1

Registered office: Level 24, QV1
250 St Georges Terrace
PERTH WA 6000

ACN: 086 197 757

Premises address: LNG Plant LNG and Condensate Storage Facilities
Part of Lot 567 and 569 on Plan 71345 within the following coordinates:
293396E, 7600505N; 293697E, 7600425N; 293665.2E, 7600305N;
293675.2E, 7600302.3N; 293648.8E, 7600192.4N; 293989E, 7600101N;
293882.2E, 7599699N; 293601.4E, 7599744.3N; 293607.3E, 7599796.2N;
293179E, 7599911N; 293254E, 7600190N; 293309E, 7600190N
TALANDJI WA 6710

Issue date: Thursday, 10 October 2013

Commencement date: Monday, 14 October 2013

Expiry date: Saturday, 13 April 2019

The following category/s from the Environmental Protection Regulations 1987 cause this Premises to be a prescribed premises for the purposes of the *Environmental Protection Act 1986*:

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
73	Bulk storage of chemicals, etc: premises on which acids, alkalis or chemicals that – (a) Contain at least one carbon to carbon bond; and (b) Are liquid at STP (standard temperature and pressure).	1,000 cubic metres (m ³) in aggregate	240,000m ³ condensate 300,000m ³ liquefied natural gas (LNG)



Conditions

Subject to this Works Approval and the conditions set out in the attached pages.

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Manager, Process Industries
Officer delegated under section 20
of the *Environmental Protection Act 1986*

Works Approval Conditions

1 General

1.1 Interpretation

1.1.1 In the Works Approval, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the Works Approval, unless the contrary intention appears:

“the Act” means the *Environmental Protection Act 1986*;

“Code of Practice for the Storage and handling of dangerous goods” means the Storage and handling of dangerous goods, Code of Practice, Department of Mines and Petroleum, Government of Western Australia;

“Pre-commissioning” means the process of verifying that individual components that make up the works are functioning correctly, prior to testing them together as a system during the commissioning phase;

“Commissioning” means the process of initial operation and testing that verifies the works and all relevant systems, plant, machinery and equipment have been installed and are capable of performing, to the maximum extent possible, in accordance with the design specification set out in the works approval application;

“dangerous goods” has the meaning defined in the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007;

“CEO” means Chief Executive Officer.

“CEO” for the purposes of notification means:

Director General
Department Administering the *Environmental Protection Act 1986*
Locked Bag 33 Cloisters Square
PERTH WA 6850
info@dwer.wa.gov.au;

“environmentally hazardous material” means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

“Premises” means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Works Approval;

“Schedule 1” means Schedule 1 of this Licence unless otherwise stated;

“Stage 1” means construction of Condensate Tank 1;

“Stage 2” means construction of Condensate Tank 2, LNG Tank 1 and LNG Tank 2;



“Works Approval” means this Works Approval numbered W5480/2013/1 and issued under the *Environmental Protection Act 1986*; and

“Works Approval Holder” means the person or organisation named as the Works Approval Holder on page 1 of the Works Approval.

1.1.3 Any reference to an Australian or other standard in the Works Approval means the relevant parts of the current version of that standard.

1.1.4 Any reference to a Guideline or Code of Practice in the Works Approval means the current version of the Guideline or Code of Practice.

1.2 General conditions

1.2.1 The Works Approval Holder shall construct the works in accordance with the documentation detailed in Table 1.2.1:

Table 1.2.1: Construction requirements ¹		
Document	Parts	Date of Document
Wheatstone Project LNG Plant LNG and Condensate Storage Facilities Works Approval Application	All	17 June 2013
Letter: LNG and Condensate Storage Facilities – Wheatstone Project LNG Plant	All	12 September 2013

Note 1: Where the details and commitments of the documents listed in condition 1.2.1 are inconsistent with any other condition of this works approval, the conditions of this works approval shall prevail.

1.2.2 The Works Approval Holder, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials are stored in accordance with the Code of Practice for the Storage and handling of dangerous goods.

1.3 Premises operation

There are no specified conditions relating to Premises operation in this section.

2 Emissions

There are no specified conditions relating to emissions in this section.

3 Monitoring

There are no specified conditions relating to monitoring in this section.

4 Improvements

4.1.1 The Works Approval Holder shall complete the improvements in Table 4.1.1 by the date specified.



Table 4.1.1: Improvement program		
Improvement reference	Improvement	Date of completion
IR1	<p>The Works Approval Holder shall, prior to commencing pre-commissioning and hydrostatic testing, submit a pre-commissioning and hydrostatic testing management plan. The plan shall include details relating to:</p> <ul style="list-style-type: none">(a) the pre-commissioning and hydrostatic testing stages and expected timescales for pre-commissioning and hydrostatic testing;(b) pre-commissioning and hydrostatic testing procedures including:<ul style="list-style-type: none">(i) procedures for treating hydrostatic test water if it does not meet specification requirements, intended treatment and disposal methods to be used; and(ii) chemical cleaning and disposal procedures including types of chemicals to be used and intended disposal methods;(c) expected emissions and discharges during pre-commissioning and hydrostatic testing and the environmental implications of the emissions;(d) how emissions and discharges will be managed during pre-commissioning and hydrostatic testing;(e) the monitoring that will be undertaken during the pre-commissioning and hydrostatic testing period;(f) how accidents or malfunctions will be managed;(g) start up and shut down procedures; and(h) reporting proposals including accidents, malfunctions and reporting against the pre-commissioning and hydrostatic testing management plan. <p>Pre-commissioning and hydrostatic testing shall be carried out in accordance with the pre-commissioning and hydrostatic testing management plan as approved.</p>	At least 3 months prior to pre-commissioning and hydrostatic testing
IR2	<p>The Works Approval Holder shall, prior to commencing commissioning activities, submit a commissioning plan. The plan shall include details relating to:</p> <ul style="list-style-type: none">(i) the commissioning stages and expected timescales for commissioning;(j) expected emissions and discharges during commissioning and the environmental implications of the emissions;(k) how emissions and discharges will be managed during commissioning;(l) the monitoring that will be undertaken during the commissioning period;(m) how accidents or malfunctions will be managed;(n) start up and shut down procedures; and(o) reporting proposals including accidents, malfunctions and reporting against the commissioning management plan. <p>The commissioning plan shall also include a copy of the leak detection and repair program. Commissioning shall be carried out in accordance with the commissioning plan as approved.</p>	At least 3 months prior to commissioning

5 Information

5.1 Reporting

- 5.1.1 The Works Approval Holder shall submit a compliance document to the Director, following the construction of each stage of the works and prior to pre-commissioning of the same.
- 5.1.2 The compliance document shall:
- certify that the works were constructed in accordance with the conditions of the works approval; and
 - be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.
- 5.1.3 The Works Approval Holder shall submit a commissioning report for the LNG and Condensate Storage Facilities, to the Director for approval within 1 month of the completion of commissioning of each stage of the works. The report shall include:
- a summary of the environmental performance of the LNG Plant LNG and Condensate Storage Facilities as installed, against the design specification set out in the works approval application;
 - a review of performance against the works approval conditions or commitments made in the pre-commissioning and hydrostatic testing management plan, and commissioning plan; and
 - where they have not been met, measures proposed to meet the design specification and/or works approval conditions, together with timescales for implementing the proposed measures.

5.2 Notification

- 5.2.1 The Works Approval Holder shall ensure that the parameters listed in Table 5.2.1 are notified to the Director in accordance with the notification requirements of the table.

Table 5.2.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement	Format or form
4.1.1	Commencement of pre-commissioning of each stage of works	7 days prior to start	None specified
	Completion of pre-commissioning of each stage of works	7 days after completion	
	Commencement of commissioning of each stage of works	7 days prior to start	
	Completion of commissioning of each stage of works	7 days after completion	

Schedule 1: Maps

Premises map

The Premises is shown in the map below. The green areas depicts the Premises boundary.

