



Works approval number W6326/2019/1

Works approval holder GrainCorp Liquid Terminals Australia Pty Ltd

ACN 001 849 805

Registered business address 105 Tingira Street
PINKENBA QLD 4008

DWER file number DER2019/000605

Duration 06/04/2020 to 05/04/2023

Date of issue 06/04/2020

Premises details Lot 108 Kwinana Beach Road
KWINANA BEACH WA 6167

Part of Lot 108 on Deposited Plan 400167
Certificate of Title Volume 2953 Folio 177
As depicted in the premises map in Schedule 1.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)		Assessed production / design capacity
Category 73	Bulk storage of chemicals etc.	Maximum 45,000 m ³

This works approval is granted to the works approval holder, subject to the attached conditions, on 6 April 2020, by:

A/Manager, Process Industries
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline or code of practice in this works approval means the version of the standard, guideline or code of practice in force at the time of granting of this works approval and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the works approval;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct and install the infrastructure and equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location, as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location as depicted in Schedule 1, Figure 2.
1.	Two (2) above- ground Urea Ammonium Nitrate (UAE) storage tanks with capacity of 13,500 m ³ each	Tanks to be constructed according to applicable Australian Standards	Tank 2-01 Tank 2-02
2.	Fourteen (14) above-ground Class C1 combustible liquid storage tanks with capacity of 1,250 m ³ each		Tank 1- 01 to Tank 1-14
3.	Four (4) above-ground Pre-receiving tanks with capacity of 60 m ³ each		PRT1 PRT2 PRT3 PRT4
4.	Secondary containment	Impervious bunds designed to Australian Standards to contain the greater of 25% of all vessels, or 110% of largest vessel	External bund – 2350 mm and 1500 mm Internal bund – 600 mm
5.	Hardstand	All tanks will be installed on impermeable concrete slab which is graded to a collection sump within the secondary containment bund	Not specified
6.	Four non-flammable road tanker loading gantries. Each gantry is designed and installed to enable a single tanker loadout.	Auscol specific loadout gantry for recycled oils and tallow.	Gantry
7.	Two (2) 300 mm above-ground transfer pipeline from KBJ to facility One (1) 200 mm above-ground transfer pipeline from facility to KBJ	Lines fitted with pigging and purging facilities. Lines to be ANSI-150 flanged unless deemed unsuitable during detailed design.	Transfer pipeline connection to port via elevated pipe bridge
8.	One (1) 2.5 MW gas fired boiler used to heat water and circulate in tanks that require heating to keep product viscosity low to enable transfer.	None specified.	Boiler Room
9.	Stormwater management system – interceptor to treat hydrocarbon contaminated water	Water captured from the proposed impervious surface will be directed through the onsite infiltration traps located along the eastern boundary of the site, to be cleaned and slowly absorbed in the ground.	Interceptor

Environmental Compliance Report

2. The works approval holder must within 60 calendar days of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by qualified professional engineer that the infrastructure or equipment or component(s) thereof, as specified in condition 1, have been constructed in accordance with the corresponding requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Records and reporting (general)

4. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
5. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
 - (a) the works conducted in accordance with conditions 1;
 - (b) any maintenance of infrastructure that is performed in the course of complying with conditions 1;
 - (c) complaints received under condition 4.
6. The books specified under condition 5 must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the works approval holder for the duration of the works approval; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 2 have the meanings defined.

Table 2: Definitions

Term	Definition
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
condition	a condition to which this works approval is subject under section 62 of the EP Act.
department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and equipment has been constructed or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA)</i> .
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
Qualified professional engineer	means a person who hold a tertiary academic qualification in engineering and has a minimum of a minimum of three years of experience working in the area of civil/construction engineering.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

Figure 1: Map of proposed development (in yellow).



Figure 2: Site plan of the proposed development.

