



Works approval number W6487/2020/1

Works approval holder Holcim (Australia) Pty Ltd
ACN 099 732 297
Registered business address Level 7, 799 Pacific Highway
CHATSWOOD NSW 2067

DWER file number DER2020/000660

Duration 26/03/2021 to 25/09/2021

Date of issue 26/3/2021

Premises details Holcim Merredin
Legal description -
Lot 26740 on Plan 158701
Chandler- Merredin Road
MERREDIN WA 6415

As shown in the Premises Maps in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 77: Concrete batching or cement products manufacturing: premises on which cement products or concrete are manufactured for use at places or premises other than those premises	1,300 tonnes per annum

This works approval is granted to the works approval holder, subject to the attached conditions, on 26 March 2021, by:

Amine Fisher

A/SENIOR ENVIRONMENTAL OFFICER, 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:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (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/or install the infrastructure and/or equipment;
 - (b) in accordance with any 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
1.	Mobile Concrete Batch Plant comprising: <ul style="list-style-type: none"> • a cement silo • 2 x cement weigh hoppers • an aggregate and sand feed hopper, and • conveyors 	<ul style="list-style-type: none"> • Concrete batching plant must have a maximum design capacity of 80 m³/hour • The concrete batching plant must be located on a paved area or the area must be treated with water or surfactants to minimise dust. • Aggregate and sand feed hopper must be enclosed or fitted with wind shields, water sprays or a dust extraction system designed to prevent escape of visible dust. • Conveyors must be covered or otherwise enclosed so that visible dust does not escape the conveyor. • Cement silo must be fitted with: <ul style="list-style-type: none"> - a relief valve which is piped to a weigh hopper or outlet within one metre of the ground to prevent overfilling; - a level indicator with an audible high level alarm which sounds if cement reaches 0.6 m below the inlet to the silo's air cleaning system; - a test circuit which indicates whether the level indicator and alarm are operating correctly; - a reverse pulse air cleaning system which is designed to reduce dust emissions to less than 50 milligrams of particulate matter per cubic metre; and - ducting which discharges air from the cement silo air cleaning system 	Schedule 1 Figures 1 and 2

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		to within one metre of the ground. <ul style="list-style-type: none"> The cement silo and weigh hoppers must be located within the loading bay. 	
2.	Loading bay	A bunded gravel pad lined with High Density Polyethylene (HDPE) that is graded to drain into a HDPE lined wedge pit. The HDPE lined wedge pit must have a minimum volume of 2.7m ³ .	Schedule 1 Figures 1 and 2
3.	Stockpiles	Stockpiles to have sprinklers capable of wetting the whole of the stockpile.	
4.	2 x Generators	Generators must be housed within an enclosure.	
5.	Chiller	Chiller must be housed within an enclosure.	
6.	Slump stands	Slump stands must be located within the loading bay.	

Compliance reporting

2. The works approval holder must within 7 calendar days of the items 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 a representative of the works approval holder that the items of infrastructure or equipment, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) a site plan illustrating the location for each item of infrastructure or equipment 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.

Decommissioning phase

4. The works approval holder must within 30 calendar days of the items of infrastructure or equipment required by condition 1 being constructed and/or installed;
 - (a) remove from the premises the items of infrastructure or equipment constructed and/or installed in accordance with condition 1; and
 - (b) prepare and submit to the CEO a report confirming the removal of the items of infrastructure or equipment constructed and/or installed in accordance with condition 1.

5. The report required by condition 4(b), must include as a minimum the following:
 - (a) the date of the removal of the specified infrastructure;
 - (b) photographic evidence confirming the removal of the specified infrastructure; and
 - (c) be signed by a person authorised to represent the works approval holder.

Records and reporting (general)

6. 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.
7. 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 condition 1;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1;
 - (c) complaints received under condition 6.
8. The books specified under condition 7 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
books	has the same meaning given to that term under the EP Act.
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
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/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
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.
prescribed premises	has the same meaning given to that term under the EP Act.
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 the boundary of the prescribed premises and location of the mobile concrete batching plant



Figure 2: Layout of mobile concrete batching plant

