



Works approval

Works approval number WXXXX/XXXX/X

Works approval holder Name
ACN (if applicable) ACN

Registered business address Address

Application number APP-XXXX/XXXXXX

Duration DD/MM/20YY to DD/MM/20YY

Date of issue DD/MM/20YY
Date of amendment DD/MM/20YY

Premises details Name of premises
Street address
Legal description -
Part of/Lot XXX on Deposited Plan XXXXX
Certificate of Title Volume XXXX Folio XX
As defined by the coordinates in Schedule 2 (delete if not applicable)

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 35: Asphalt manufacturing: premises on which hot or cold mix asphalt is produced using crushed or ground rock aggregates mixed with bituminous or asphaltic materials for use at places or premises other than those premises.	50,000 tonnes per year or less
Category 61A: Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, treated, or discharged onto land.	5,000 tonnes per year or less

This works approval is granted to the works approval holder, subject to the attached conditions, on Day Month Year, by:

[insert digital signature here]

[Name]

[Position title]

an officer delegated under section 20 of the *Environmental Protection Act 1986 (WA)*(EP Act)

WXXXX/XXXX/X (date of works approval issue / latest update)

Works approval history

Date	Reference number	Summary of changes
xx/xx/20xx	Wxxxx/xxxx/x	Standardised Approval granted for the listed premises

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 conditions are expressed in tables or otherwise:
 - (i) each row in a table constitutes a separate requirement; and
 - (ii) where a condition or table cell includes requirements set out in paragraphs, subparagraphs, dot points or items identified by letters or Roman numerals, each such item constitutes a separate and enforceable requirement;
- (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.

A Standardised Approval works approval does not provide any authorisation for the clearing of native vegetation. The clearing of native vegetation requires a clearing permit under the EP Act, unless an exemption applies.

Standardised 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 ensure that the specified infrastructure or equipment is designed, constructed and/or installed in accordance with the requirements set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure / equipment	Design and construction / installation specifications	Location
1.	Asphalt plant	(a) Fitted with a baghouse filtration system for treatment of air emissions from the asphalt manufacturing process. (b) Designed and constructed such that air emissions are directed to the baghouse filtration system and emitted to the atmosphere via a stack. (c) The stack must be a height of at least the greater of: (i) 6 metres above ground level; or (ii) 3 metres more than the height of any building within 15 m of the stack. (d) Fitted with temperature and flame control systems. (e) Designed to operate on LPG or low sulfur diesel fuels only. (f) All hoppers, conveyors, chutes, bucket elevators and transfer points must be suitably covered, enclosed or fitted with dust suppression / prevention measures so that visible dust does not escape.	As shown in Schedule 1: Premises map
2.	Asphalt plant – baghouse filtration system	(a) Designed to achieve a particular matter of less than 30 mg/m ³ . (b) Fitted with a broken bag detection system, including a system for operator alarms / alerts. (c) Baghouse fitted with an automatic filter cleaning system.	Connected to the asphalt plant
3.	Liquid fuel vessels	(a) Liquid fuel vessels must be installed: (i) in accordance with AS 1940; or (ii) on an impermeable (having a hydraulic conductivity of less than 1x 10 ⁻⁹ m/s or	No location specified

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		equivalent) hardstand and surrounded by a bund with a containment capacity of at least 110% of the maximum fuel storage capacity.	
4.	Dry materials storage	(a) Storage bays and designated stockpile areas must be fitted with a sprinkler system. (b) The storage bays must either contain stormwater runoff or direct to stormwater infrastructure such as a sump or swale within the premises.	No location specified
5.	Bitumen storage tanks	(a) Bitumen storage tanks are fitted with a high level alarm system to prevent overspill and are bunded to contain spills. (b) Any condensers direct condensate back into the tank.	No location specified

Compliance reporting

2. The works approval holder must within 30 calendar days of all equipment, infrastructure 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 the following:
 - (a) as constructed plans and a detailed site plan for each item of equipment; and/or
 - (b) infrastructure, that demonstrates compliance with 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.

Time-limited operations phase

Commencement and duration

4. The works approval holder may only commence time-limited operations once the Environmental Compliance Report required by condition 2 has been submitted to the CEO by the works approval holder.
5. The works approval holder may conduct time-limited operations:
 - (a) for a period not exceeding 180 calendar days commencing from the date the Environmental Compliance Report required by condition 2 has been submitted to the CEO for that infrastructure and/or equipment; or
 - (b) until the date that an applicable licence is granted by the CEO in accordance with Part V of the EP Act, if one is granted before the end of the period specified in condition 5(a).

Time-limited operations requirements

6. During time-limited operations, the works approval holder must ensure that infrastructure and equipment is maintained and operated in accordance with the requirements set out in Table 2.

Table 2: Operational requirements during time-limited operations

	Infrastructure / equipment	Operational requirements	Location
1.	Asphalt plant (including the air emission filtration system)	(a) Must be operated at a production rate of 50 tonnes per hour or less. (b) Air emissions from the asphalt manufacturing must be directed to the baghouse filtration system. (c) The manufacturing of asphalt must not occur unless the baghouse filtration system, including an automatic filter cleaning system and a broken bag detection system, are operating. (d) The Asphalt plant must not use fuels other than LPG or low sulfur diesel. (e) When the plant is in operation, daily visual inspection must be undertaken of all plant equipment, including the clean-up and removal of any leaks or spills identified by that inspection. (f) Blocked, broken or leaking baghouse filtration system filters must be replaced when detected prior to commencing asphalt manufacturing. (g) The temperature and flame control systems must be operated to prevent the generation of blue smoke.	As shown in Schedule 1: Premises map
2.	Liquid fuel vessels	(a) Daily visual inspection of all liquid fuel vessels and associated secondary containment must be undertaken, including the clean-up and removal of any leaks or spills identified by that inspection.	No location specified
3.	Vehicles	(a) All vehicles used for the transport of material within the premises, including aggregate, filler, RAP and asphalt, must have dust covers, be sealed, or equivalent, to mitigate emissions of dust and odour from the materials. (b) Washdown of vehicles must not occur within the premises.	N/A
4.	Raw material and RAP storage bays	(a) Sand, aggregate and RAP must be stored within the bays and stockpiles. (b) Material and RAP stored in storage bays must not exceed the height of the bay walls.	As shown in Schedule 1: Premises map

		(c) Storage bays must be kept covered or kept damp to minimise airborne dust. (d) Stockpiles must: (i) not exceed 5 m height; and (ii) maintain a minimum 3 m separation between stockpiles	
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7. During time-limited operations, where the Asphalt plant is mobile, the works approval holder may remove the mobile Asphalt plant from the premises and relocate back the same mobile Asphalt plant within the premises on an as needs basis, as long as the relocation of the mobile plant complies with condition 6.
8. During time-limited operations, the works approval holder must only:
- (a) accept waste onto the premises of the waste type listed in Table 3 at a rate that does not exceed 5,000 tonnes per annual period; and
 - (b) manage the accepted waste in accordance with the waste type and related specifications listed in Table 3.

Table 3: Waste types and specifications

	Waste type	Waste acceptance and management specifications
1.	RAP	(a) Must be visually inspected during unloading to identify any of the following materials when accepted: (b) coal tar or tar-based products, geotextile fabrics, raised pavement markers, or surface treatments such as high-friction surfacings; (c) granular pavement material, clay, soil, or organic matter; or (d) bricks, concrete, glass, or building materials (e) Any RAP containing the materials in (a)(i), (ii) or (iii) must be kept separate and stored in a clearly identified, designated location on the premises. (f) Any RAP containing the materials in (a)(i), (ii) or (iii) must not be used in the asphalt manufacturing process. (g) The disposal of RAP containing the materials in (a)(i), (ii) or (iii) must be offsite to a facility licensed to accept the material. (h) Mechanical crushing, grinding or sizing is not permitted within the premises boundary (i) The maximum amount of RAP (in total) that can be stored on the premises is 300 m³.

Emissions and discharges

9. During time-limited operations, the works approval holder must ensure that the specified emissions are discharged only in accordance with the discharge points listed in Table 4.

Table 4: Authorised discharge points

Emissions	Discharge point
Air emissions from the manufacture of asphalt by the Asphalt plant via the baghouse filtration system	Asphalt plant stack

Monitoring

10. During time-limited operations, the works approval holder must monitor and record the total volumes of each material type accepted or produced at the premises, according to the material type, units, frequency and reporting requirements in Table 5.

Table 5: Material types accepted and produced

Material type	Units	Frequency	Reporting
RAP (accepted volumes only)	Tonnes	Continuous	Tabulated as annual period totals
Asphalt (produced volumes only)	Tonnes	Continuous	Tabulated as annual period totals
	Tonnes per hour	Continuous	Tabulated as daily maximum rate

Decommissioning *(Apply only to short-term mobile activities (≤6 months TLO) not transitioning to a licence.)*

11. Prior to the expiry of this works approval, the works approval holder must remove from the premises all:
- (a) infrastructure and equipment listed in Table 1;
 - (b) feedstock dry materials;
 - (c) liquid fuels and bitumen; and
 - (d) RAP.
12. Any waste materials, including RAP, must be taken to a facility that is licensed to accept that type of waste.
13. The operator must notify the CEO in writing within 7 days of the date that all waste and materials have been removed per condition 11 and the site has been decommissioned.

Records and reporting

Complaints management

14. 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:

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- (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.

Retention of Records

- 15.** The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this approval:
- (a) the works constructed and/or installed in accordance with condition 1;
 - (b) any works undertaken to enable the relocation in accordance with condition 7;
 - (c) any maintenance of infrastructure and/or equipment that is performed in the course of complying with condition 6;
 - (d) records of any visual inspections that are performed in the course of complying with condition 6;
 - (e) records kept under condition 10 for material types accepted and produced; and
 - (f) complaints received under condition 14.
- 16.** The books specified under condition 15 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

The terms in Table 6 have the corresponding meanings ascribed to them in the Definition column.

Table 6: Definitions

Term	Definition
ACN	means Australian Company Number
aggregate	refers to the granular materials such as sand, gravel and crushed stone used in the asphalt manufacturing process.
annual period	means a 12 month period commencing from [day month] until [day month] of the immediately following year.
AS 1940	means Australian Standard AS 1940 <i>The storage and handling of flammable and combustible liquids</i> .
books	has the same meaning given to that term under section 3(1) of the EP Act.
CEO	means Chief Executive Officer. “submit to / notify the CEO” (or similar), 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	means a restriction or limitation as stated and applied under a works approvals or licence.
Department; DWER	means the Department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of the <i>Environmental Protection Act 1986</i> .
discharge	has the same meaning given to that term under section 3(1) of the EP Act.
emission	has the same meaning given to that term under section 3(1) 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	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).

Term	Definition
inspector	means an inspector appointed by the CEO in accordance with section 88 of the EP Act.
instrument	means works approval, licence or registration for prescribed premises.
low sulfur diesel	means diesel with a sulfur content of less than 10 parts per million (ppm).
LPG	means Liquified Petroleum Gas
premises	means the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises map (Figure X) in Schedule 1 to this approval. <i>[Note: specify which figure, if multiple maps in Schedule 1.]</i>
prescribed premises	has the same meaning given to that term under the EP Act, being the premises specified in Schedule 1 to the EP Regulations.
RAP	means Reclaimed/Recycled Asphalt Pavement
Standardised Approval	means this pathway provides a standardised assessment process for certain prescribed premises categories that meet defined eligibility criteria and present a low risk to human and environmental receptors.
time-limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
waste	has the same meaning given to that term under section 3(1) of the EP Act.
works approval	means a works approval granted and in force under Part V Division 3.
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).

DRAFTING NOTE: Maps included in this section, whether internally generated or supplied by the applicant, must have the following minimum characteristics:

- a north arrow;
- a scale;
- a key;
- a clearly visible pink line demarcating the premises boundary;
- be of a sufficiently high photographic resolution to visually identify the key features / infrastructure / equipment relevant to the licence;

Ensure that all infrastructure and equipment referred to in the conditions have had their location(s) marked clearly on the relevant map(s), using the correct labels referenced in the conditions.

Premises that are particularly large and/or where the features / infrastructure / equipment relevant to the licence are very densely packed together will need to include additional more-zoomed-in maps.

DRAFTING NOTE: Where appropriate, it may be beneficial to include additional separate maps relating to specific types of equipment / infrastructure (e.g. discharge points map, monitoring bores map, air quality monitoring sites map, etc.).

Figure 1: Map of the boundary of the prescribed premises

Schedule 2: Premises boundary [Heading 1]

DRAFTING NOTE: This Schedule is required if an equivalent Schedule was on the associated works approval (whether or not the premises boundaries on the licence are aligned with the cadastral and/or tenement boundaries).

The corners of the premises boundary are the coordinates listed in Table 1.

Table 1: Premises boundary coordinates (GDA2020)

	Easting	Northing	Zone
1.			
2.			
3.			
4.			

Schedule X: [insert title]

[use for additional schedules if required – e.g. for infrastructure or monitoring tables and the like that are longer than a page and need to be separated out]

[note that a section break has been added already, for if this page needs to be made landscape]