



Works approval number W6737/2022/1

Works approval holder King Scrap Metals Pty Ltd
ACN 608 068 551
Registered business address 12 Old Collier Road
MORLEY WA 6062

DWER file number DER2022/000475

Duration 13/02/2023 to 13/02/2026

Date of issue 13/02/2023

Premises details King Scrap Metal
29 - 31 Truganina Road
MALAGA WA 6090
Certificate of Title Volume 1719, Folio 497
Lot 207 on Diagram 69425

Certificate of Title Volume 1719, Folio 498
Lot 208 on Diagram 69425

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 47: Scrap metal recovery	5,000 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 13 February 2023, by:

Abbie Crawford
A/MANAGER, WASTE INDUSTRIES
REGULATORY SERVICES

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

Works approval history

Date	Reference number	Summary of changes
13/02/2023	W6737/2022/1	Works approval granted.

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;

unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

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) install the equipment;
 - (b) in accordance with the corresponding design and installation requirements; and
 - (c) at the corresponding infrastructure location,
 - (d) as set out in Table 1.

Table 1: Design and installation requirements

	Infrastructure	Design and installation requirements	Infrastructure location
1.	Weighbridge	N/A	Schedule 1 Weighbridge
2.	Processing building	Floor constructed of concrete hardstand. Concrete hardstand must be maintained in good condition. Hardstand to have a minimum 1% drainage gradient to ensure the free drainage to the sumps. Sumps within the processing building must drain to the septic system located onsite. Minor hydrocarbon spills must be immediately cleaned up using spill kit materials.	Schedule 1 Client warehouse Sorting/processing building
3.	Shear machine	Must be located inside the processing building and maintained in accordance with manufacturers recommendations.	Schedule 1 Sorting/Processing building
4.	Baler	Located within the designated baler area and maintained in accordance with manufacturers recommendations.	Schedule 1 Baler Area
5.	Metal storage areas	Must be located on hardstand	Schedule 1
6.	Battery storage area	Must be undercover, bunded and designed to meet a permeability of less than 1×10^{-9} m/s.	Schedule 1
7.	Excavator/Forklifts	Vehicle speeds limited to 10km/ hour	Various

	Infrastructure	Design and installation requirements	Infrastructure location
		within the premises boundary and maintained in accordance with manufacturers recommendations.	
8.	Diesel tank	Capable of holding a maximum of 5,000 L Must be self-bunded, located on hardstand area, maintained in accordance with manufacturers recommendations and operated in accordance with the Diesel Handling and Refuelling Procedure. Spill kits and drip trays must be available for use at the diesel refuelling area.	Schedule 1 Diesel tank
9.	Fire hydrant	Are to be located close to the premises boundary, for use in the event of a fire. Must provide the maximum hydraulic demand for a minimum of four hours. Minimum hydrant flow rate of 10L/s is provided at suitable pressure in accordance with AS2419.1.	Schedule 1

Compliance reporting

2. The works approval holder must within 30 days of an item of infrastructure or equipment required by condition 1 being 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 from a suitably qualified person authorised to represent the works approval holder that the items of infrastructure or components thereof, as specified in condition 1, have been constructed in accordance with the relevant 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.

Time limited operations

4. The works approval holder may only commence operation of the infrastructure and equipment identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the licence holder for each item of infrastructure and equipment listed under condition 1.

5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 1:
- for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 2 for that item of infrastructure; or
 - until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986* and only where this occurs prior to 180 calendar days from the day the works approval holder meets the requirements of condition 2 for that item of infrastructure.

Waste acceptance

6. The works approval holder must only accept onto the Premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 2.

Table 2: Waste acceptance

Waste Type	Acceptance Specification	Rate at which waste is received
Scrap metal (ferrous and non-ferrous)	All loads must be inspected prior to acceptance within the tuck unloading area.	Combined total of 5,000 tonnes per annual period. (Sub-limit for lead-acid batteries of 100 tonnes).
Hazardous waste (used lead acid batteries)	Acceptance of used lead acid batteries only, for storage and disposal offsite. No other hazardous waste shall be accepted.	

7. The works approval holder shall ensure that where waste does not meet the waste acceptance criteria set out in condition 6. it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility within 28 days.
8. The works approval holder must ensure that the waste types specified in Table 3 are only subjected to the corresponding process(es), subject to the corresponding process limits and/or specifications.

Table 3: Waste processing

Waste Type	Processes	Process limits and/or specifications
All scrap metal (ferrous and non-ferrous)	Acceptance, grinding, plasma cutting, shearing and bailing prior to storage and removal from the premises.	Acceptance requirements Inspection of all materials received at the premises for the removal of non-conforming waste and hazardous waste, including but not limited to, Liquefied Petroleum Gas cylinders, oxygen cylinders, acetylene cylinders (or any other compressed gas cylinders), chemical, hazardous, flammable, radioactive or explosive substances. If any of these wastes are found, they are required to be removed before further processing;
Hazardous waste (used lead acid batteries)	Acceptance and storage prior to removal from the premises.	

Waste Type	Processes	Process limits and/or specifications
		<p>gases must be de-gassed prior to acceptance onto the premises;</p> <ul style="list-style-type: none"> Any items that are suspected of containing asbestos must not be accepted at the premises; and Car bodies, fuel tanks and motors must not be accepted onto the premises. <p>Storage requirements (scrap metal)</p> <ul style="list-style-type: none"> Stockpiles shall not exceed 3 metres in height at any point from the base of the stockpile; and 3 metre clearance must be maintained between each stockpile. Stormwater that comes in to contact with waste metal stockpiles must drain to treatment facilities for removal of solids and chemical residues prior to disposal via soak wells located onsite. Diversion banks, kerbing, surface grade changes, containment bunds and contained drains should be used to control stormwater runoff. <p>Processing and storage requirements (residual liquid waste):</p> <ul style="list-style-type: none"> Any residual liquid residues from waste received at the premises is to be collected and contained within an impervious sealed tank/container prior to disposal off site to an appropriately licensed facility.

9. The works approval holder must record the total amount of waste accepted onto, and removed from the premises, for each waste type listed in condition 6, in the corresponding unit, and for each corresponding time period, as set out in Table 4.

Table 4: Input and output monitoring

Waste type	Unit	Time period	Frequency
Waste inputs	m ³ and tonnes	Annual period	Each load arriving at the Premises
Waste outputs	m ³ and tonnes		Each load leaving or rejected from the premises

Fire and emergency management

- 10.** The works approval holder must implement a Fire and Emergency Management Plan that is consistent with Australian Standard AS3745. The plan must include, but is not limited to:
- (a) notification procedures for fire and major spill incidents;
 - (b) how fires will be prevented, detected, responded to, suppressed, contained and controlled for all approved activities addressing all waste types and for all stages of the waste handling, sorting and processing;
 - (c) in the event of a fire occurring at the premises, how impacts to the environment and human health will be mitigated;
 - (d) how staff will be trained in fire and emergency response on an ongoing, annual basis;
 - (e) details on the firefighting equipment in place and/or accessible at the premises and the fire response capabilities and responsibilities;
 - (f) a premises map displayed at the front of the premises depicting an after-hours contact details, plus the location and layout of:
 - (i) fire hose reels, hydrants and isolation points;
 - (ii) electrical isolation points;
 - (iii) sub-surface drainage infrastructure, including details on flow direction and off-site discharge locations (if applicable);
 - (iv) system shutdown points; and
 - (v) fire response access points to the premises;
 - (g) hazmat manifest displayed at front of the premises;
 - (h) ensure that pollution control equipment such as fire water booms, drain mats, or sandbags (or any other compatible absorbent material) be available on site, sufficient to divert run-off from, or prevent drainage into stormwater drains;
 - (i) ensure that pollution control equipment listed in condition 10(h) be deployed, when possible and safe to do so, in the event of a fire; and
 - (j) ensure that any water generated from fire-fighting activities is removed from the Premises by a carrier licensed under the *Environmental Protection (Controlled Waste) Regulations 2004*.

Noise validation

- 11.** By 13 August 2023 the works approval holder must retain the services of a person qualified and experienced in the area of environmental noise assessment and who, by their qualifications and experience, is eligible to hold membership of the Australian Acoustical Society or the Australian Association of Acoustical Consultants to:
- (a) investigate the nature and extent of noise emissions from the premises;
 - (b) assess in accordance with the methodology required in the *Environmental Protection (Noise) Regulations 1997*, the compliance of the noise emissions from the prescribed premise, against the relevant assigned levels specified in those Regulations; and
 - (c) compile and submit to the works approval holder by 13 August 2023 a report in accordance with condition 11(b).

- 12.** A report prepared pursuant to condition 11(c) is to include:
- (a) a description of the methods used for monitoring and/or modelling of noise emissions from the premises;
 - (b) details and the results of the investigation undertaken pursuant to condition 11(a);
 - (c) details and results of the assessment of the noise emissions from the premises, against the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997* undertaken pursuant to condition 11(b); and
 - (d) an assessment of noise levels against the most recent previous noise assessment.
- 13.** The licence holder must submit to the CEO the report prepared pursuant to condition 11(c) within 14 days of receiving it.
- 14.** Where an assessment pursuant to condition 11(b) indicates that noise emissions do not comply with the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997*, the works approval holder must:
- (a) within 60 days of receiving an assessment report pursuant to condition 11(c) prepare a plan to ensure the undertaking of the activity will no longer lead to any contravention of the *Environmental Protection (Noise) Regulations 1997*; and
 - (b) provide to the CEO, a copy of the plan prepared pursuant to condition 11(a) within 30 days of its preparation.

Records and reporting (general)

- 15.** 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 calculation of fees payable in respect of this works approval;
 - (b) the maintenance of infrastructure required to ensure that it is kept in good working order in accordance with condition 1 of this works approval;
 - (c) monitoring undertaken in accordance with conditions 9 and 11 of this works approval;
 - (d) complaints received under condition 16 of this works approval; and
 - (e) In addition, the Books must:
 - (i) be legible;
 - (ii) if amended, be amended in such a way that the original and subsequent amendments remain legible and are capable of retrieval;
 - (iii) be retained for at least 3 years from the date the Books were made; and
 - (iv) be available to be produced to an Inspector or the CEO.

- 16.** 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.
 - (e) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 5 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 January until 31 December of the same year.
Australian Standard AS 1851	means Standards Australia AS 1851.2012 <i>Routine service of fire protection systems and equipment</i>
Australian Standard AS 2419.1	means Standards Australia AS 2419.1 <i>Fire hydrant installations Part 1: System design, installation and commissioning</i>
Australian Standard AS 3745	means Standards Australia AS 3745 <i>Planning for emergencies in facilities</i>
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.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under 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 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .
Fire and Emergency Management Plan	means a Fire and Emergency Management Plan that meets the requirements specified in condition 10 of this approval

Term	Definition
firewater	means water that, in the event of a fire, has been used to extinguish a fire, and all materials and combusting products dissolved or suspended within such water, and includes other fire suppressant substances such as foams.
premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises map in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	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

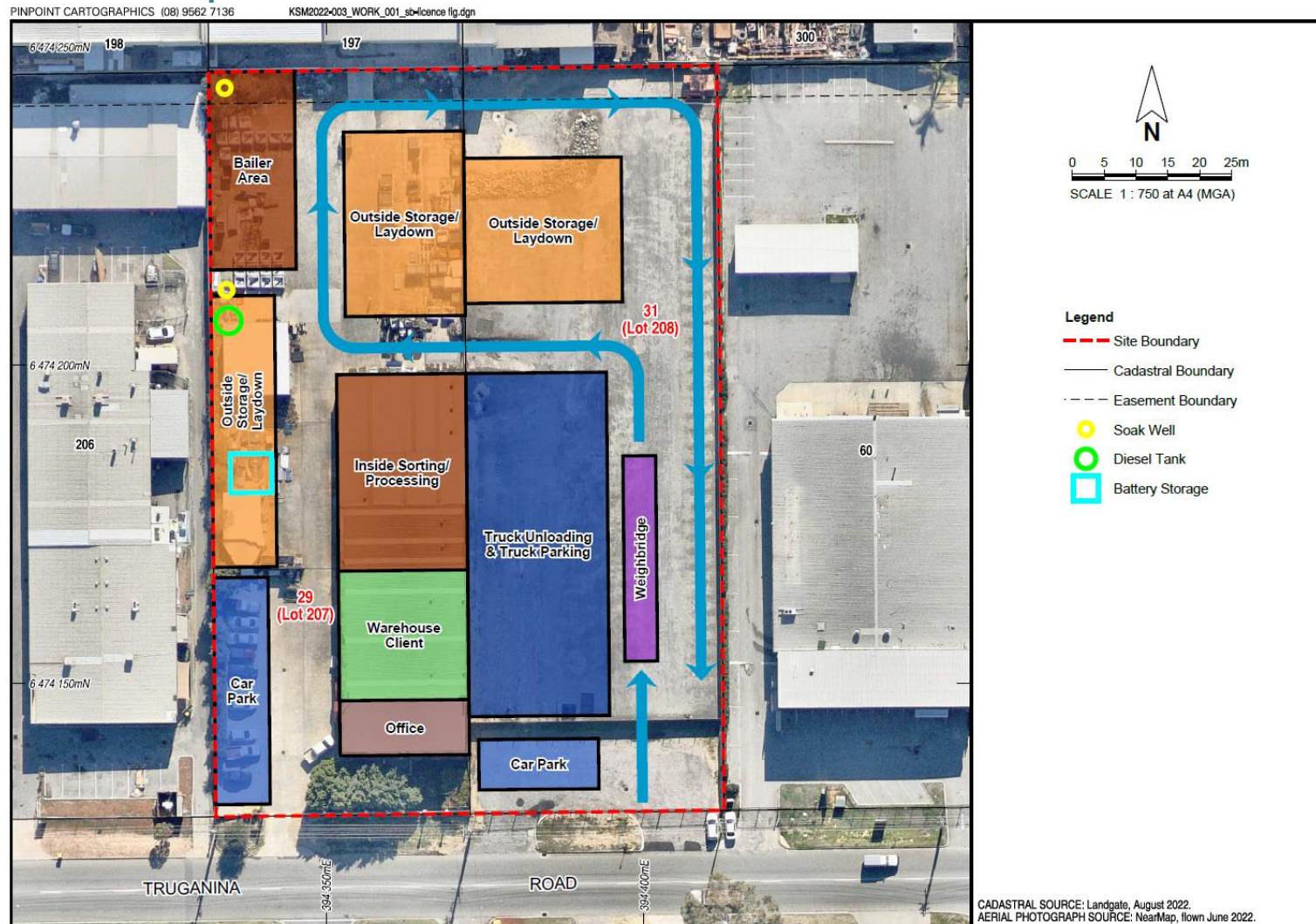


Figure 1: Site map

W6737/2022/1 (13/02/2023)
IR-T05 Works approval template (v5.0) (February 2020)