



Licence number	L8404/2009/2
Licence holder	Bradken Resources Pty Ltd
ACN	098 300 988
Registered business address	20 McIntosh Drive MAYFIELD WEST, NSW 2304
DWER file number	DEC232/1
Duration	30/09/2011 to 29/09/2026
Date of amendment	05/05/2023
Premises details	Bradken Resources Pty Ltd Legal description - Part of Lot 5 on Plan 72039, Lot 9004 on Plan 76394, and Lot 28418 and Lot 28416 on Plan 213728 As defined by the premises map in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 45: Metal Melting or Casting	10,000 tonnes per year

This amended licence is granted to the licence holder, subject to the attached conditions, on 5 May 2023, by:

Amine Fisher

**A/MANAGER, PROCESS INDUSTRIES
REGULATORY SERVICES**

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

Licence history

Date	Reference number	Summary of changes
30/04/2010	L8404/2009/1	Licence granted.
30/09/2011	L8404/2009/2	Licence renewed.
5/09/2013	L8404/2009/2	Amended to update registered address and licence converted to REFIRE template.
3/11/2014	W5715/2014/1	Works approval granted to install and operate a plasma cutting system.
29/04/2016	L8404/2009/2	Expiry date amended to 29/09/2021.
20/06/2018	W6130/2018/1	Works approval granted to replace baghouse
08/07/2019	L8404/2009/2	Amended licence granted with new emission point from replacement baghouse.
05/05/2023	L8404/2009/2	Amended licence granted with new premises boundary. Licence conditions consolidated and converted to current licensing format.

Interpretation

In this licence:

- (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 licence:
 - (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 licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

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

Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Baghouse system for sand moulding line and sand reclamation activities	<ul style="list-style-type: none"> • Must undertake quarterly inspection of the baghouse for faults, blockages, broken bags and leaks, including differential pressure and flowrate checks. • Must undertake a monthly visual inspection of the stack for defects and blockages. • Must be operated with a broken bag detection system with a visible alarm when broken bags are detected. • Broken bags within the baghouse must be repaired within 24 hours of a broken bag alarm. 	As shown in Schedule 1, Figure 2.
Furnaces	<ul style="list-style-type: none"> • Scrap metal must be generally free from adherent paint, rubber and plastic material and comprise not more than 1.5 percent by weight of organic material when used as a feedstock in the furnace. • Furnaces (other than electric induction furnaces) must only be fired with: gas, diesel or "low sulphur" fuel oil having a sulphur content of less than 0.5 percent. 	As shown in Schedule 1, Figure 2.
Foundry	<ul style="list-style-type: none"> • Must use all reasonable and practicable means to remove rubber lining and surface treatments prior to flame cutting. • Any fires on the premises resulting from flame cutting operations must be immediately extinguished. • A carbon dioxide extinguisher or water hose for fire fighting must be readily available to extinguish any fire started during a flame cutting operation. • Any fires on the premises must not be allowed to burn unattended. • Solid waste material generated on the premises must be removed and taken to an appropriately authorised facility. • Waste gases from sand moulding and reclamation activities must be directed to the baghouse system for treatment. 	As shown in Schedule 1, Figure 2.

Emissions and discharges

2. The licence holder must ensure that the emissions specified in Table 2, are discharged only from the corresponding discharge point and only at the corresponding discharge point location.

Table 2: Authorised discharge points

Emission	Discharge point	Discharge point height (mAGL)	Discharge point location
Waste gases from sand moulding and reclamation activities	Baghouse cowl	8.4	A1, As shown in Schedule 1, Figure 1.

3. The licence holder must ensure that no visible dust generated from the activities on the premises crosses the boundary of the premises.

Records and reporting

4. The licence holder must record the following information in relation to complaints received by the licence 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 licence holder to investigate or respond to any complaint.
5. The licence holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by no later than 28 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
6. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) the calculation of fees payable in respect of this licence;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence; and
 - (c) complaints received under condition 4 of this licence.
7. The books specified under condition 6 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 licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.
8. The licence holder must, within 7 days of becoming aware of any non-compliance

with condition 1 of this licence, notify the CEO in writing of that non-compliance and include in that notification the following information:

- (a) which condition was not complied with;
- (b) the time and date when the non-compliance occurred;
- (c) if any environmental impact occurred as a result of the non-compliance and if so what that impact is and where the impact occurred;
- (d) the details and result of any investigation undertaken into the cause of the non-compliance;
- (e) what action has been taken and the date on which it was taken to prevent the non-compliance occurring again; and
- (f) what action will be taken and the date by which it will be taken to prevent the non-compliance occurring again.

Definitions

In this licence, the terms in Table 3 have the meanings defined.

Table 3: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 December until 30 November of the immediately following year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
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.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
mAGL	means metres above ground level
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (

Term	Definition
	Figure 1) in Schedule 1 to this licence.
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.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (

Figure 1). The pink line depicts the premises boundary, and A1 the authorised discharge point.



Figure 1: Map of the boundary of the prescribed premises

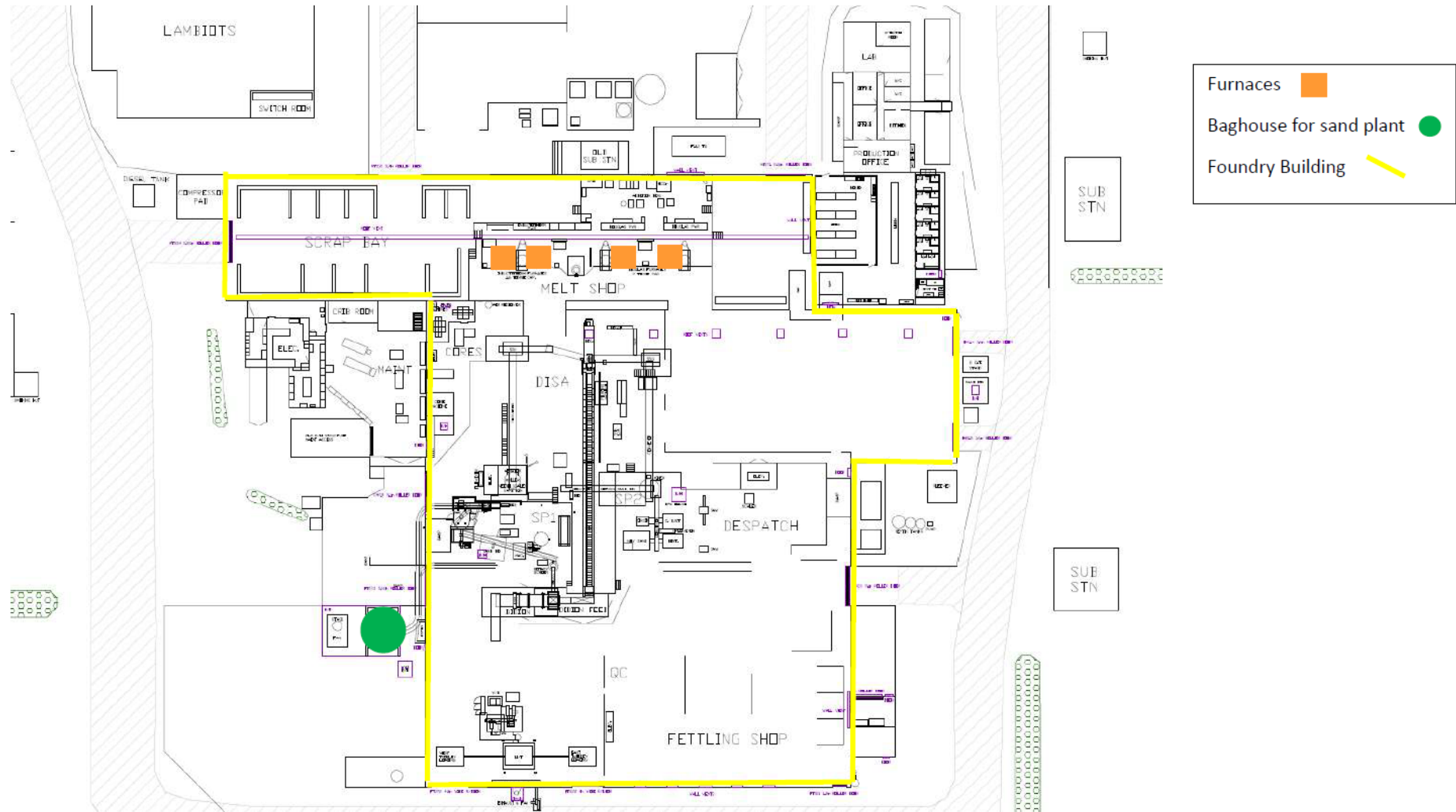


Figure 2: Infrastructure map of the foundry