



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee: Bossong Engineering Pty Ltd**

**Licence: L8296/2008/2**

**Registered office:** 189 Planet Street  
WELSHPOOL WA 6106

**ACN:** 009 337 508

**Premises address:** Bossong Engineering  
Lot 2 McDaniel Road  
BROOME WA 6725  
Being Lot 2 on Diagram 85421 as depicted in Schedule 1

**Issue date:** Thursday, 23 January 2014

**Amendment date:** 25 January 2025

**Expiry date:** 28 January 2035

### **Prescribed Premises Category**

Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Premises production or design capacity
48	Metal finishing: premises on which metals are chemically cleaned or metals, plastics or metal or plastics products are plated, electroplated, anodized, coloured or otherwise coated or finished.	Not applicable	100 tonnes per year

### **Conditions**

This Licence is subject to the conditions set out in the attached pages.

.....  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



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## Introduction

This Introduction is not part of the Licence conditions.

### DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

### Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.



Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

### Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

### Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

### Premises description and Licence summary

Bossong Engineering Pty Ltd is a family owned engineering, design, machining and fabrication company with facilities located in Broome & Welshpool, Western Australia. They have been established since 1988 and began as a machining and fabricating company servicing the mining companies in the region. Bossong Engineering Pty Ltd acquired the assets of Cadeng in August 2014.

Bossong Engineering is located within the heavy industrial area approximately 4km southwest of the Broome town centre. The facilities are located on a 6500 m<sup>2</sup> block. This includes a 1000 m<sup>2</sup> workshop and a 150 m<sup>2</sup> custom built abrasive blasting shed. Neighbouring properties include industry such as road freight, oil and gas pipe lay-down, fabrication and earthmoving facilities. There are no Ramsar (wetlands of international importance recognised under the Ramsar Convention) or ANCA (Australia Nature Conservation Agency) wetlands on the premises; the closest being 10 km south and 4.2 km northeast respectively. The closest residential area is located 2.5 km northeast of the premises. This conforms to the Environmental Protection Authority Guidance Statement No. 3 *Separation distances between industrial and sensitive land uses* that recommend a buffer distance of 200 metres.

Bossong Engineering cut thread into the ends of metal piping for oil and gas companies. Part of the requirements to be licensed by the American Petroleum Industry for the cutting of thread is to have the facilities to coat the thread with lubrication. Therefore, Bossong have the facilities to clean and then immerse metal pipe ends into a bath of phosphating solution to coat the ends they have cut thread into. All metal coating processes occur outdoors on an area that is roofed, bunded and contains a stormwater collection sump connected to an oil-water separator.

The phosphating process occurs within three 700L double-walled immersion tanks contained within a large concrete basin that is submerged to a depth of approximately 900 mm, with 100 mm above ground level to prevent storm water entering the basins. Current demand for this metal coating process is very low, and as such Bossong have a nominated production design capacity of less than 100 tonnes per year. Due to low throughputs, and the design of the metal finishing facility, the risk of unacceptable emissions and discharges from the premises is considered low.

The licences and works approvals issued for the Premises since 29/01/2009 are:

Instrument log		
Instrument	Issued	Description
L8296/2008/1	29/01/2009	New licence application (issued to Cadeng Pty Ltd)
L8296/2008/1	29/08/2013	Licence amendment to REFIRE format
L8296/2008/2	23/01/2014	Reissue of REFIRE licence
L8296/2008/2	19/02/2015	Licence transfer to Bossong Engineering Pty Ltd
L8296/2008/2	23/01/2025	Department initiated amendment to extend expiry date



### **Severance**

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

**END OF INTRODUCTION**



# Licence conditions

## 1 General

### 1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

**'Act'** means the *Environmental Protection Act 1986*;

**'annual period'** means the inclusive period from 1 July to 30 June in the following year;

**'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);

**'CEO'** means Chief Executive Officer of the Department of Environment Regulation;

**'CEO'** for the purpose of correspondence means;

Director General  
Department administering the Environmental Protection Act 1986  
Locked Bag 10  
JOONDALUP DC WA 6919  
or: [info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au)

**'code of practice for the storage and handling of dangerous goods'** means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

**'controlled waste'** has the definition in *Environmental Protection (Controlled Waste) Regulations 2004*;

**'dangerous goods'** has the meaning defined in the *Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007*;

**'environmentally hazardous material'** means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

**'fugitive emissions'** means all emissions not arising from point sources;

**'impervious'** means material with a permeability or hydraulic conductivity of  $10^{-9}$  metres per second or less at unity hydraulic gradient;

**'Licence'** means this Licence numbered L8296/2008/2 and issued under the Act;

**'Licensee'** means the person or organisation named as Licensee on page 1 of the Licence;

**'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence; and



'waste' has the meaning defined in the Act.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the current version of that standard.

**1.2 General conditions**

1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.

1.2.2 The Licensee shall maintain all pollution control and monitoring equipment to the manufacturer's specification or any internal management system.

1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall only store substances that are classed as dangerous goods below placard quantities or environmentally hazardous materials not classified as dangerous goods if they are stored in accordance with the Code of Practice for the Storage and handling of dangerous goods.

1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.2.5 The Licensee shall ensure that uncontaminated stormwater is kept separate from contaminated or potentially contaminated stormwater. Where stormwater has come into contact with a possible source of contamination, it should be treated as contaminated.

**1.3 Premises operation**

1.3.1 The Licensee shall ensure that all metal finishing activities identified in Table 1.3.1 are undertaken in accordance with the process limits described in that Table.

<b>Table 1.3.1: Processing of materials</b>		
<b>Material</b>	<b>Process</b>	<b>Process limits</b>
Carbon and steel components	Chemical treatment processing comprising of Gardobond G4098 and Gardobond additive H7203 In 3 heated 700L immersion tanks	All items removed from the phosphating bath shall be air dried above the bath before they are rinsed and placed on the storage rack.
All	Wet Electroplating Processes	Shall only take place in a bunded area in accordance with the Code of Practice for the Storage and handling of dangerous goods.



## 2 Emissions

There are no specified conditions relating to emissions in this section.

## 3 Monitoring

There are no specified conditions relating to monitoring in this section.

## 4 Improvements

There are no specified improvement conditions in this section.

## 5 Information

### 5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - i. off-site environmental effects; or
  - ii. matters which affect the condition of the land or groundwater.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 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 31 July after the end of the annual period an Annual Audit Compliance Report in the approved form.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

The Licensee shall submit to the CEO an annual environmental report by no later 31 July after the end of the annual period.

**Table 5.2.1: Annual environmental report**

Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken	None specified



5.1.3	Compliance	AACR
5.1.4	Complaints summary	None specified
-	Throughput reported in tonnes per year	

Note 1: Forms are in Schedule 2

### 5.3 Notification

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO at the Contact Address and in accordance with the notification requirements of the table.

<b>Table 5.3.1: Notification requirements</b>			
<b>Condition or table (if relevant)</b>	<b>Parameter</b>	<b>Notification requirement<sup>1</sup></b>	<b>Format or form<sup>2</sup></b>
-	Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	Part A: As soon as practicable but no later than 5PM of the next usual working day.  Part B: As soon as practicable	N1

Note 1: No notification requirement in the Licence shall negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2





## Schedule 1: Maps

### Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary.





## Schedule 2: Reporting & notification forms

Licence: L8296/2008/2  
Form: N1

Licensee: Bossong Engineering Pty Ltd  
Date of breach:

**Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.**

These pages outline the information that the operator must provide.  
Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

### Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

<b>Notification requirements for the breach of a limit</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

<b>Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution</b>	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken , or intended to be taken, to stop any emission	
Description of the failure or accident	



## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Bossong Engineering Pty Ltd	
Date	