



Licence

Environmental Protection Act 1986, Part V

Licensee: Galvin Engineering Pty Ltd

Licence: L8460/2010/3

Registered office: 410 Victoria Road
MALAGA WA 6090

ACN: 008 719 382

Premises address: Galvin Engineering
410 Victoria Road
MALAGA WA 6090
Being Lot 401 on Plan 99466 as depicted in Schedule 1.

Issue date: Friday, 25 September 2015

Commencement date: Thursday, 1 October 2015

Expiry date: Wednesday, 30 September 2020

Prescribed premises category

Schedule 1 of the *Environmental Protection Regulations 1987*

| Category number | Category description | Category production or design capacity | Approved premises production or design capacity |
|-----------------|--|--|---|
| 45 | Metal melting or casting: premises on which metal or scrap metal is melted in furnaces or cast | 100 tonnes or more per year | 1000 tonnes per annual period |

Conditions

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

.....
Lauren Trott

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 regulates 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

Galvin Engineering Pty Ltd operates a metal melting and casting factory in the Perth suburb of Malaga, approximately 1 kilometre north and south of the nearest residential developments. The site is situated on the Swan Coastal Plain, approximately 250 metres from a priority 3 drinking water area.

The main activities are metal melting and casting. Ferrous and non-ferrous scrap metals are melted in induction furnaces and poured into hard sand and green sand cast moulds. Castings are fettled; shot or sand blasted, machined and may be spray painted.

The main emissions relate to air quality and include dust, fumes, furnace emissions and odour. Three extraction systems are used at Galvin Engineering to capture fumes and dust. Captured emissions are sent to bag houses which use fabric filtrations systems. One extraction system is split and sits above the furnaces to capture fumes generated as the metal is melted and also on canopy above the melt deck. The second and third extraction systems are attached to the sand blast unit and shot blast/grinding areas of the foundry to capture dust and particulate matter.

This Licence is the successor to licence L8460/2010/2 and includes changing the format of the licence.

The licences and works approvals issued for the Premises since 03/06/2010 are:

| Instrument log | | |
|----------------|------------|-----------------|
| Instrument | Issued | Description |
| L8460/2010/1 | 03/06/2010 | New application |
| L8460/2010/2 | 01/10/2010 | New application |
| L8460/2010/3 | 25/09/2015 | Licence reissue |

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 January until 31 December in the same year;

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

'CEO' for the purpose of correspondence means;

Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 33
CLOISTERS SQUARE WA 6850
Email: info@der.wa.gov.au

'Licence' means this Licence numbered L8460/2010/3 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;

'SCB1' means sand casting brass as defined in Australian Standard AS1565:1985

'Schedule 1' means Schedule 1 of this Licence unless otherwise stated;

'Schedule 2' means Schedule 2 of this Licence unless otherwise stated; and

'SG Iron' means Grade ST1 ductile continuous cast iron as defined in Australian Standard AS1831:2007.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

1.1.5 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 General conditions

- 1.2.1 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.2 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.3 Premises operation

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

| Material | Process | Process limits |
|---|---------------------------|--|
| Cast iron, SG iron, SCB1 brass, stainless steel | Flame cutting | All rubber lining and surface treatments to be removed from scrap metal prior to flame cutting |
| | Metal melting and casting | The lead furnace is not to be used |

2 Emissions

2.1 Point source emissions to air

- 2.1.1 The Licensee shall ensure that where waste is emitted to air from the emission points in Table 2.1.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

| Emission point reference | Emission Point source including any abatement | Emission point height (m) |
|--------------------------|--|---------------------------|
| A1 | Fume extraction for green sand furnace and melt deck to baghouse with fabric filtration | 10 |
| A2 | Dust collector for grinding and shot blast area extracted to baghouse with fabric filtration | 6 |
| A3 | Sand blasting cyclone dust extraction and filtration system | 3 |

3 Information

3.1 Records

- 3.1.1 All information and records required by the Licence shall:
- be legible;
 - if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - except for records listed in 3.1.1(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
 - for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - off-site environmental effects; or
 - matters which affect the condition of the land or waters.



- 3.1.2 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.
- 3.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.
- 3.1.4 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.

3.2 Reporting

- 3.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 31 calendar days after the end of the annual period. The report shall contain the information listed in Table 3.2.1 in the format or form specified in that table.

| Table 3.2.1: Annual Environmental Report | | |
|---|---|--|
| Condition or table (if relevant) | Parameter | Format or form¹ |
| - | Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken | None specified |
| 3.1.3 | Compliance | Annual Audit Compliance Report (AACR) |
| 3.1.4 | Complaints summary | None specified |
| N/A | Through-put of metal melted or casted | Monthly tabular format with annual total |

Note 1: Forms are in Schedule 2



Schedule 1: Maps

Premises map

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



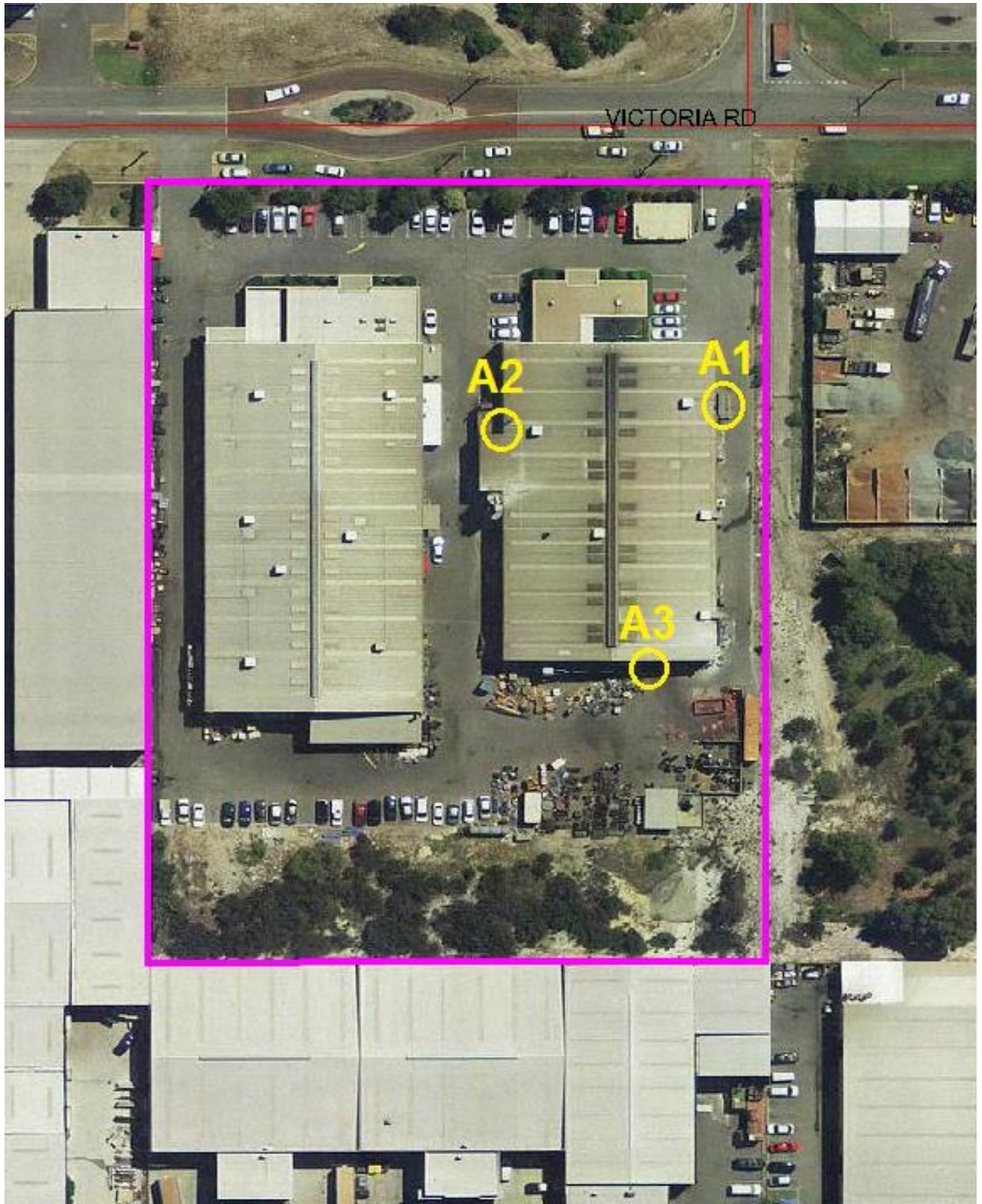
| LEGEND | | | |
|---------------------------------|--|---|---|
| Localities | Bassendean Sand: quartz sand (dunes) | Undifferentiated Precambrian crystalline rocks | Scale 1:2450 (Approximate when reproduced at A4) Geocentric Datum Australia 1994 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies. Prepared by: raphaelled Prepared for: Date: 3/04/2014 3:26:17 PM Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend. |
| Cadastre | Colluvium and laterite over Mesozoic sediments | Water of estuaries, lakes and reservoirs | |
| Hydrography, linear (hierarchy) | Collosum, including valley-fill deposits, variably lateritized | Yoganup Formation: leached and ferruginised beach sand | Fremantle 50cm Orthomosaic - Landgate 2008 Fremantle Melville 20cm Orthomosaic - Landgate 2004 Perth Metropolitan Area South 15cm Orthomosaic - Landgate 2012 Perth Metropolitan Area North 15cm Orthomosaic - Landgate 2012 Perth Metropolitan North 20cm Orthomosaic - Landgate 2009 |
| Road Centrelines | Estuarine and lagoonal deposits - clay, silt, marl with shell bed limestones | Guildford Clay: alluvium (silt, loam, sand and gravel) | |
| FW | Laterite over Mesozoic sediments and Precambrian crystalline rocks | Safety Bay Sand: Loolian and beach line sand | |
| MY | Ridge Hill Sandstone: ferruginised beach sand with conglomerate | Swamp and lacustrine deposits - peat, peaty sand and clay | |
| LRO | Tarama Limestone: Loolian calcarenite, variably lithified, leached quartz sand | Tamala Limestone: predominantly calcarenite (coast) | |
| LRS | Alluvium - clay, sand and loam (coast) | | |
| MR | | | |
| N | | | |
| TR | | | |
| Surface Geology | | | |

* Project Data. This data has not been quality assured. Please contact map author for details.



Map of emission points

The locations of the emission points defined in Table 2.1.1 are shown below.





Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

SECTION A LICENCE DETAILS

| | |
|---|----------------------|
| Licence Number: | Licence File Number: |
| Company Name: Trading as: | ABN: |
| Reporting period: _____ to _____ | |

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of the Licence complied with within the reporting period? (please tick the appropriate box)

Yes Please proceed to Section C

No Please proceed to Section B

Each page must be initialled by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this AACR is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

| If the licence holder is | | The Annual Audit Compliance Report must be signed and certified: |
|--|--|--|
| An individual | <input type="checkbox"/> <input type="checkbox"/> | by the individual licence holder, or by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf. |
| A firm or other unincorporated company | <input type="checkbox"/> <input type="checkbox"/> | by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation. |
| A corporation | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | by affixing the common seal of the licensee in accordance with the <i>Corporations Act 2001</i> ; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation. |
| A public authority (other than a local government) | <input type="checkbox"/> <input type="checkbox"/> | by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation. |
| a local government | <input type="checkbox"/> <input type="checkbox"/> | by the chief executive officer of the licensee; or by affixing the seal of the local government. |

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)





Decision Document

Environmental Protection Act 1986, Part V

Proponent: Galvin Engineering Pty Ltd

Licence: L8460/2010/3

Registered office: 410 Victoria Road
MALAGA WA 6090

ACN: 008 719 382

Premises address: Galvin Engineering
410 Victoria Road
MALAGA WA 6090
Being Lot 401 on Plan 99466 as depicted in Schedule 1.

Issue date: Friday, 25 September 2015

Commencement date: Thursday, 1 October 2015

Expiry date: Wednesday, 30 September 2020

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER) has decided to issue a licence. DER considers that in reaching this decision, it has taken into account all relevant considerations and legal requirements and that the Licence and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by: Richard Wilson
Licensing Officer

Decision Document authorised by: Lauren Trott
Delegated Officer



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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.



2 Administrative summary

| Administrative details | | |
|--|---|---|
| Application type | Works Approval <input type="checkbox"/> New Licence <input checked="" type="checkbox"/> Licence amendment <input type="checkbox"/> Works Approval amendment <input type="checkbox"/> | |
| Activities that cause the premises to become prescribed premises | Category number(s) 45 | Assessed design capacity 1000 tonnes per annual period |
| | Application verified Date: 14 July 2015 Application fee paid Date: 20 July 2015 | |
| Works Approval has been complied with | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> | |
| Compliance Certificate received | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> | |
| Commercial-in-confidence claim | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Commercial-in-confidence claim outcome | N/A | |
| Is the proposal a Major Resource Project? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/> |
| Is the proposal subject to Ministerial Conditions? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Ministerial statement No: EPA Report No: |
| Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here. | | |
| Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, eg Site is subject to SO ₂ requirements of Kwinana EPP. | | |



3 Executive summary of proposal and assessment

Galvin Engineering Pty Ltd operates a metal melting and casting factory in the Perth suburb of Malaga, approximately 1 kilometre north and south of the nearest residential developments. The site is situated on the Swan Coastal Plain, approximately 250 metres from a priority 3 drinking water area.

The main activities are metal melting and casting. Ferrous and non-ferrous scrap metals are melted in induction furnaces and poured into hard sand and green sand cast moulds. Castings are fettled; shot or sand blasted, machined and may be spray painted.

The main emissions relate to air quality and include dust, fumes, furnace emissions and odour. Three extraction systems are used at Galvin Engineering to capture fumes and dust. Captured emissions are sent to bag houses which use fabric filtrations systems. One extraction system is split and sits above the furnaces to capture fumes generated as the metal is melted and also on canopy above the melt deck. The second and third extraction systems are attached to the sand blast unit and shot blast/grinding areas of the foundry to capture dust and particulate matter.

This Licence is the successor to licence L8460/2010/2 and includes updating the format of the licence to DER's current template.

Potential emissions have been assessed as detailed in the decision table below. Conditions that have been retained from the previous licence have not been reassessed.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

| DECISION TABLE | | | |
|----------------------------------|---|---|--|
| Works Approval / Licence section | Condition number W = Works Approval L = Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| General conditions | L1.2.1 | Condition 1.2.1 replaces condition A6 on the previous licence which required the licensee to maintain the dust extraction systems. | Application supporting documentation <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i> L8460/2010/2 |
| | L1.2.2 | <p>Condition 1.2.2 replaces condition W1(c) of the previous licence which required the licensee to recover, remove or dispose of spilt materials.</p> <p>As determined by the risk assessment below conditions W1(a) and W1(b) have not been retained from the previous licence.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Spills of materials such as fuels, waste waters and chemical solutions stored and used on site contaminating stormwater or flowing off site <i>Impact:</i> Contamination of soil and/or groundwater on or around the premises. A P3 public drinking water source area (PDWSA) is located approximately 250m west of the premises. Contamination of groundwater with fuels or chemical solutions may have limited localised impacts. <i>Controls:</i> All materials likely to cause contamination are stored within bunding or buildings. All operational areas within the site are hardstand. Clean stormwater is diverted away from potential contamination sources and discharges to the on-site drainage system.</p> | |



| DECISION TABLE | | | |
|----------------------------------|--|--|---------------------|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> The premises is subject to <i>the Environmental Protection (Unauthorised Discharges) Regulations 2004</i> (UDRs); and general provisions of the Act.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Residual Risk Rating:</i> Low</p> | |
| Premises operation | 1.3.1 | <p>Condition 1.3.1 satisfies the intent of these conditions from the previous licence: A2(a) which required all materials to be flamed to be cleaned of rubber linings and surface treatments A3 which required scrap metal to be cleaned prior to melting in a furnace A5 which ensured that the lead furnace was not to be used by the licensee.</p> <p>The following conditions have not been retained from the previous licence:</p> <ul style="list-style-type: none"> • A1 has been removed from the licence as there is no incinerator on the premises; • A2(b) has not been replaced in the licence as dark smoke emissions from burning any material and visible smoke from burning certain materials are covered by the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i> (UDRs); • A2(c) requiring the licensee to have means to extinguish fires started from | L8460/2010/2 |



| DECISION TABLE | | | |
|---|--|--|--|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | <p>flame cutting on site has been not been retained from the previous licence; and</p> <ul style="list-style-type: none">A2(d) required the licensee to ensure no fires burn unattended on the premises. <p>The intent of the above conditions is covered by condition 1.1.5 in the new licence.</p> | |
| Emissions general | L2.1.1 | Condition 2.1.1 has been included to ensure emissions only occur as per conditions of the licence. Table 2.1.1. Emission sources have been assessed in the below sections. | N/A |
| Point source emissions to air including monitoring | L1.2.1 | <p>Operation <u>Emission Description</u> <i>Emission:</i> Particulate matter from site operations including copper compounds from the melting and casting process.</p> <p><i>Impact:</i> Reduced local air quality. There is potential for localised short term reversible impacts such as nuisance dust impacts on neighbouring businesses that are less than 50m away. The premises is located in Malaga Industrial area and the nearest residence is approximately 1km away.</p> <p><i>Controls:</i> Baghouses are used to mitigate particulate emissions. The baghouses on the premises are maintained as per Galvin's Baghouse Maintenance checklist version 1.01 (December 2013) which includes weekly, quarterly and annual checks to ensure the baghouse is operating correctly with bags being replaced at least annually.</p> | Galvin's Baghouse Maintenance checklist version 1.01 (December 2013) |



| DECISION TABLE | | | |
|----------------------------------|--|--|---------------------------------|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Licence condition 1.2.1 requires all pollution control equipment to operate as per the manufacturer's specifications and internal management system.</p> <p>The premises will also be subject to the general provisions of the EP Act.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Residual Risk Rating:</i> Low</p> | |
| Fugitive emissions | | <p>As per the risk assessment below condition A6 from the previous licence has not been retained on the licence.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Fugitive dust emissions from general site operations.</p> <p><i>Impact:</i> Reduced local air quality. The premises is located in Malaga Industrial area and the nearest residence is approximately 1km away.</p> <p><i>Controls:</i> Trafficable and operational areas are hardstand with the process areas in an enclosed building.</p> | EP Act 1986 L8460/2010/2 |



| DECISION TABLE | | | |
|----------------------------------|--|---|--|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> No regulatory controls required. General provisions of the EP Act apply.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Residual Risk Rating:</i> Low</p> | |
| Noise | | <p>The site is located in the Malaga industrial area and approximately 1km from the nearest residence. DER has not received any noise complaints regarding the sites operations. Noise emissions have not been reassessed in the granting of this licence.</p> <p>The site is subject to the <i>Environmental Protection (Noise) Regulations 1997</i>.</p> | <i>Environmental Protection (Noise) Regulations 1997</i> |
| Information | 3.1.1- 3.1.4 3.2 | <p>Conditions 3.1.1-3.1.4 require the licensee to ensure that records required by the licence are available and information regarding compliance is reported to DER annually.</p> <p>Condition 3.1.2 requires that a copy of licence is kept on the premises for reference and that the requirements of the licence are made known to contractors.</p> <p>Condition 3.1.3 replaces condition M1 and requires an AACR to be completed to ensure any non-compliances are identified and reported to DER or alternatively if all conditions have been complied with that this is reported to DER.</p> <p>Condition 3.1.4 has been added to the licence to ensure that any complaints received are recorded and dealt with appropriately.</p> | |



| DECISION TABLE | | | |
|---|---|---|----------------------------|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | Condition 3.2.1 requires the licensee to submit an annual report that includes the AACR as per condition 3.1.3, the summary of any failure or malfunction of pollution control equipment, a summary of complaints and the through-put the premises has completed for the annual period. | |
| Licence Duration | | As the site has been assessed as low risk the licence has been issued for 5 years | |



5 Advertisement and consultation table

| Date | Event | Comments received/Notes | How comments were taken into consideration |
|------------|---|-------------------------|--|
| 27/07/2015 | Application advertised in West Australian (or other relevant newspaper) | No comments received | N/A |
| 17/09/2015 | Draft licence and decision document sent to applicant. | No comments received | N/A |

6 Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

| Likelihood | Consequence | | | | |
|----------------|---------------|----------|----------|----------|---------|
| | Insignificant | Minor | Moderate | Major | Severe |
| Almost Certain | Moderate | High | High | Extreme | Extreme |
| Likely | Moderate | Moderate | High | High | Extreme |
| Possible | Low | Moderate | Moderate | High | Extreme |
| Unlikely | Low | Moderate | Moderate | Moderate | High |
| Rare | Low | Low | Moderate | Moderate | High |