



Licence

Environmental Protection Act 1986, Part V

Licensee: VEEM Ltd

Licence: L8482/2010/2

Registered office: 22 Baile Road
CANNING VALE WA 6155

ACN: 008 944 009

Premises address: VEEM
Lot 4 on Plan 22364 Gauge Circuit
CANNING VALE WA 6155
As depicted in Attachment 1

Issue date: Thursday, 1 October 2010

Commencement date: Thursday, 8 October 2015

Expiry date: Wednesday, 7 October 2031

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	1,500 tonnes per annual period
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	20 tonnes per annual period

Conditions

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

Date signed: 2 June 2016

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Jonathan Bailes
Manager Licensing (Process Industries)
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

VEEM Ltd operates a metal melting, casting and finishing factory in the Perth suburb of Canning Vale. The premises is approximately 600 metres (m) north of the nearest residential residence. The site is situated on the Swan Coastal Plain, approximately 3 kilometres (km) from a priority 2 and 3 drinking water area.

The main activities are metal casting and post processing, including machining and fitting activities. Other activities include electroless nickel plating. The single line nickel plating process deposits nickel phosphorus material on machined engineering components.

The main emissions relate to air quality including fumes, furnace emissions and odour. Waste oil, waste sand and spent process solution and contaminated rinse waters are also generated and directed to wastewater tanks or storage tanks prior to disposal by licensed contractors. Any solutions discharged to sewer are pH neutralised before discharge.

This Licence is the successor to licence L8482/2010/1 and includes changes to conditions. The Licence was amended in April 2016 to correct the definition of annual period.

The licences and works approvals issued for the Premises 7/10/2010 are:

Instrument log		
Instrument	Issued	Description
L8482/2010/1	08/10/2010	Licence re-issue
L8482/2010/1	24/04/2013	Licence amendments to the noise and reporting conditions
L8482/2010/2	01/10/2015	Licence reissue
L8482/2010/2	2/6/2016	Amendment to correct annual period

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 L8484/2010/2 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;

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

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

'usual working day' means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia;

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.



1.2 Premises operation

1.2.1 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.

Table 1.3.1: Processing of materials		
Material	Process	Process limits
Iron, steel copper, aluminium, cobalt and nickel based alloys	Flame cutting	All rubber lining and surface treatments are removed from scrap metal prior to flame cutting
	Metal melting and casting	Only clean scrap metal shall be melted

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.

Table 2.1.1: Emission points to air	
Emission point reference and location on Map of emission points	Source, including any abatement
A1	Furnace extraction discharging through roof stack to atmosphere
A2	Fettling operations venting to a baghouse prior to discharge to atmosphere
A3	Sand reclamation plant venting to a baghouse prior to discharge to atmosphere

3 Information

3.1 Records

3.1.1 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 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
- (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 waters.

3.1.2 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.

3.1.3 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
3.1.2	Compliance	Annual Audit Compliance Report (AACR)
3.1.3	Complaints summary	None specified

Note 1: Forms are in Schedule 2



Schedule 1: Maps

Premises map and map of emission points

The Premises and the emission points defined in Table 2.1.1 are shown in the map below. The pink line depicts the Premises boundary.





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:	ABN:
Trading as:	
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 B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each Licence condition that was not complied with.

a) Licence condition not complied with:	
b) Date(s) when the non compliance occurred, if applicable:	
c) Was this non compliance reported to DER?:	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DER verbally Date _____ <input type="checkbox"/> Reported to DER in writing Date _____	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non compliance?:	
e) Summary of particulars of the non compliance, and what was the environmental impact:	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram):	
g) Cause of non compliance:	
h) Action taken, or that will be taken to mitigate any adverse effects of the non compliance:	
i) Action taken or that will be taken to prevent recurrence of the non compliance:	

Each page must be initialled by the person(s) who signs Section C of this 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: VEEM Ltd

Licence: L8482/2010/2

Registered office: 22 Baile Road
CANNING VALE WA 6155

ACN: 008 944 009

Premises address: VEEM
Lot 4 on Plan 22364 Gauge Circuit
CANNING VALE WA 6155
As depicted in Attachment 1

Issue date: Thursday, 1 October 2015

Commencement date: Thursday, 8 October 2015

Expiry date: Wednesday, 7 October 2031

Date of Amendment: Thursday, 2 June 2016

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: Jonathan Bailes
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 type="checkbox"/>	
	Licence amendment <input checked="" type="checkbox"/>	
	Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	45	1,500 tonnes per annual period
	48	20 tonnes per annual period
Application verified	Date: NA	
Application fee paid	Date: NA	
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"/>
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



3 Executive summary of proposal and assessment

VEEM Ltd operates a metal melting, casting and finishing factory in Canning Vale industrial area. The premises is approximately 400 metres north of the nearest residence. The site is situated on the Swan Coastal Plain, approximately 3 kilometres (km) from a priority 2 and 3 drinking water area.

The main activities are metal casting and post processing including machining, and fitting activities. Other activities include electroless nickel plating. The single line nickel plating process deposits nickel phosphorus material on machined engineering components.

The main emissions relate to air quality including fume, furnace emissions and odour. Waste oil, waste sand and spent process solution and contaminated rinse waters are also generated and directed to wastewater tanks or storage tanks prior to disposal by licensed contractors. Any solutions discharged to sewer are pH neutralised before discharge.

This amendment is to correct the annual period defined in the licence and remove conditions that have been determined to be redundant.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986* (EP Act), 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	L1.1.2	Licence L8482/2010/2 was issued on 8 October 2015 with the incorrect definition of the annual period as '1 January to 31 March in the same year'. This licence amendment is to correct the definition to '1 January to 31 December'.	L8482/2010/2
	L1.1.5	This condition has been removed from the licence as it contains explanatory text.	L8482/2010/2
	L1.2.1	<p>Condition 1.2.1 has been removed from the licence as per the below risk assessment.</p> <p><i>Emission:</i> Particulate emissions from operations including fettling, sand recovery and furnaces.</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. The premises is located in Canning Vale Industrial area, and the nearest residence is approximately 400m away.</p> <p><i>Controls:</i> Baghouses are used to mitigate particulate emissions from the fettling bay and sand plant. The baghouses on the premises are maintained using an electronic maintenance system. The fettling bay baghouse is inspected every 3 months and has a differential pressure gauge that is checked every month. The pressure gauge indicates if the baghouse is operating correctly. The sand plant baghouse is inspected every 3 months and has a magnehelic gauge that is inspected monthly. The magnehelic gauge indicates if the baghouse is operating correctly. Furnace emissions are by means of a fan driven extraction hood that discharges to a roof stack. The system is designed to ensure that emissions are not visible, and a stack test conducted in 2010 showed</p>	<p>L8482/2010/2</p> <p><i>Environmental Protection Act 1986</i></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>particulate emissions of 3.4mg/m³ at 2.4g/min. A visual inspection of stacks is conducted daily to ensure no visible emission from any stacks on site.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> As the risk of any impact occurring is low , no specific controls are required. Condition 1.2.1 regarding maintenance of all pollution control and monitoring equipment has been removed as it is not sufficiently clear or certain. The premises is 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>	
	L1.2.2	<p>Condition 1.2.2 has been removed from the licence as per the below risk assessment.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Spills of materials likely to cause contamination such as fuels, oils, lubricants and acids. <i>Impact:</i> Contamination of soil and/or groundwater. <i>Controls:</i> Materials likely to cause contamination are stored within bunding or buildings. The site operations area is hardstand.</p>	<p>L8482/2010/2</p> <p><i>Environmental Protection Act 1986</i></p> <p><i>Environmental Protection (Unauthorised Discharges)</i></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 the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i> for certain materials that enter the environment including hydrocarbons and acids as listed in Schedule 1 of the regulations. The general provisions of the EP Act also apply.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Residual Risk Rating:</i> Low</p>	<i>Regulations 2004</i>
Information	L3.1.2	This condition has been removed as the requirements for compliance are not clear.	L8482/2010/2
Licence Duration	N/A	The licence duration has been extended to 17 October 2031 as per DER's Guidance Statement: Licence Duration.	Guidance Statement: Licence Duration

5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
Draft	Draft amended licence and decision document sent to Licensee for comment.	No comments received.	N/A. Note: conditions L1.1.5, L1.2.1, L1.2.2 and 3.1.2 were removed from the licence after the draft was provided for comment.