



Department of
**Environment and
Heritage Protection**

To: Industrial Galvanizers Corporation Pty
Limited
PO Box 1311
EAGLE FARM QLD 4009

Email: rsheehan@ingal.com.au

Your reference: EPPR00723713
Our reference: 240821

Application details

I refer to the application that was received by the administering authority on 05-JUN-2015 to amend an environmental authority.

Land description: Cnr Holt Street and Curtin Avenue East PINKENBA Lot 1176 Plan SP153111.

Decision

Your application has been approved and your environmental authority (reference EPPR00723713) is attached.

Should you have any further enquiries, please contact Graham Rennex on telephone 1300 130 372.

Yours sincerely

sch4p4(6) Personal information	11/9/15
Signature	Date

Christine Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enclosed

Permit - environmental authority (reference EPPR00723713)

Graham Rennex
Government Organisations and
Utilities Assessment
Department of Environment and
Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5754
Email: graham.rennex@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485

Department of Environment and Heritage Protection

Permit¹

Environmental Protection Act 1994

Environmental authority EPPR0072313

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit¹ number: EPPR00723713

Environmental authority takes effect on the day the delegate signs this document.

The anniversary date of this environmental authority is 24 April each year.

Environmental authority holder(s)

Name	Registered address
Industrial Galvanizers Corporation Pty Limited	Valmont Australia Pty Ltd Building A Level 3 11 Talavera Road MACQUARIE PARK NSW 2113

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
38-(1b) Surface coating >100t but <1000t yr anodising	Cnr Holt Street and Curtin Avenue East PINKENBA - Lot 1176 Plan SP153111

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Release

¹ Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

sch4p4(6) Personal information

Signature

Date

Christine Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Graham Rennex
Government Organisations and Utilities
Assessment
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5754
Email: graham.rennex@ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

Environmentally relevant activity(ies)	Location(s)
38-(1b) Surface coating >100t but <1000t yr anodising	Cnr Holt Street and Curtin Avenue East PINKENBA - Lot 1176 Plan SP153111

The environmentally relevant activity(ies) conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

Agency interest: General	
Condition number	Condition
G1	All reasonable and practicable measures must be taken to prevent or minimise the likelihood of environmental harm caused by the activity.
G2	The activity must be undertaken in accordance with written procedures that: <ul style="list-style-type: none"> a) identify potential risks to the environment from the activity during routine operations and emergencies; and b) establish and maintain control measures that minimise the potential for environmental harm; and c) ensure plant, equipment and measures are maintained in a proper and effective condition; and d) ensure plant, equipment and measures are operated in a proper and effective manner; and e) ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i>; and f) ensure that reviews of environmental performance are undertaken at least annually.
G3	All records must be kept for a period of at least 5 years and provided to the administering authority upon request.

G4	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable, or at most, within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions undertaken.
G5	An appropriately qualified person(s) must monitor, record and interpret all parameters that are required to be monitored by the environmental authority and in the manner specified by this environmental authority.
G6	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) certification, or an equivalent certification, for such analysis.
G7	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system .
G8	The galvanising method known as "wet galvanising" is not to be used.
G9	Flux is not to be applied to any work-piece by throwing, sprinkling or any other hand-application method.
G10	You must record the following details for all environmental complaints received: a) date and time complaint was received; b) name and contact details of the complainant; c) nature of the complaint; d) investigations undertaken; e) conclusions formed; and f) actions taken.
Agency interest: Air	
Condition number	Condition
A1	Odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place .
A2	Contaminants must only be released to the air from the point source(s) in accordance with Schedule A - Table 1, Table 2 & Table 3 – Air release limits and the associated monitoring requirements.
A3	The only type of fuel to be burned in industrial fuel burning is natural gas.
Agency interest: Water	
Condition number	Condition
W1	Contaminants must not be released to waters .

W2	Stormwater contaminated by the activity must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.
Agency interest: Noise	
Condition number	Condition
N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .
Agency interest: Land	
Condition number	Condition
L1	Contaminants must not be released to land .
Agency interest: Waste	
Condition number	Condition
WS1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.

Release

Definitions

Key terms and/or phrases used in this document are defined in this section and **bolded** throughout this document. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities, to which this environmental authority relates.

Administering authority means the Department of Environment and Heritage Protection or its successors or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Contaminant(s) means:

- a gas, liquid or solid; or
- an odour; or
- an organism (whether alive or dead), including a virus; or
- energy, including noise, heat, radioactivity and electromagnetic radiation; or
- a combination of contaminants.

Environmental nuisance as defined under Chapter 1 of the *Environmental Protection Act 1994*.

Environmental harm as defined under Chapter 1 of the *Environmental Protection Act 1994*.

Land does not include **waters**.

Measures has the broadest interpretation and includes plant, equipment, physical objects, bunding, containment systems, monitoring, procedures, actions, directions and competency.

NATA means National Association of Testing Authorities.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, or surface waters.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or garden; or
- for noise, a place defined as a sensitive receptor for the purposes of the *Environmental Protection (Noise) Policy 2008*.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

Schedule A: Monitoring

Table 1

Release point number	Source description	Minimum release height (metres above ground level)	Minimum velocity (metres / second)
A1	Baghouse Stack	18	10
A2	Ash Processing Plant Stack	8	9

Table 2 - Monitoring Baghouse Stack

Release point number	Minimum release height (metres above ground level)	Minimum velocity (metres / second)	Contaminant	Maximum release limit (mg/m ³)	Minimum Frequency
A1	18	10	Particulates	50 mg/m ³	At least once in each period of 12 months
A1	18	10	Hydrogen Chloride (HCl)	100 mg/m ³	
A1	18	10	Chlorine (Cl ₂)	200 mg/m ³	
A1	18	10	Oxides of Nitrogen expressed and Nitrogen Dioxide (NO ₂)	350 mg/m ³	
A1	18	10	Total VOCs expressed as n-Propane	40 mg/m ³	
A1	18	10	Carbon monoxide (CO)	125 mg/m ³	
A1	18	10	Zinc oxide (ZnO)	No limit specified	
A1	18	10	Zinc chloride (ZnCl ₂)	No limit specified	
A1	18	10	Ammonia (NH ₃)	170 mg/m ³	

Table 3 - Monitoring Ash Processing Plant Stack

Release point number	Minimum release height (metres above ground level)	Minimum velocity (metres / second)	Contaminant	Maximum release limit (mg/m ³)	Minimum Frequency
A2	8	9	Particulates	50 mg/m ³	At least once in each period of 12 months
A2	8	9	Hydrogen Chloride (HCl)	100 mg/m ³	
A2	8	9	Chlorine (Cl ₂)	200 mg/m ³	
A2	8	9	Oxides of Nitrogen expressed and Nitrogen Dioxide (NO ₂)	350 mg/m ³	
A2	8	9	Total VOCs expressed as n-Propane	40 mg/m ³	
A2	8	9	Carbon monoxide (CO)	125 mg/m ³	
A2	8	9	Zinc oxide (ZnO)	No limit specified	
A2	8	9	Zinc chloride (ZnCl ₂)	No limit specified	
A	8	9	Ammonia (NH ₃)	170 mg/m ³	

Associated requirements

- Air Quality Sampling Manual
- Australian Standards including AS 4323.1-1995 (R2014) Stationary source emissions method 1: Selection of sampling positions

Release

END OF PERMIT

EHP RTI DL Release

Release