



<b>Licence number</b>	L6146/1990/12
<b>Licence holder</b>	Meneghello Galvanizing Pty Ltd
<b>ACN</b>	008 897 729
<b>Registered business address</b>	Suite 8, 420 Bagot Road SUBIACO WA 6008
<b>DWER file number</b>	DER2016/001399
<b>Duration</b>	1/9/2021 to 31/8/2026
<b>Date of issue</b>	27/8/2021
<b>Date of latest amendment</b>	14/11/2022
<b>Premises details</b>	MGalv 46 Rogers Way LANDSDALE WA 6065  Legal description - Lot 53 on Plan 60528 Lot 149 on Plan 61311

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production capacity
Category 48A: Metal finishing: premises on which iron or steel is galvanized	25,000 tonnes per annum

This amended licence is granted to the licence holder, subject to the attached conditions, on 14/11/2022, by:

**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
11/07/2013	L6146/1990/11	Licence granted.
29/8/2018	L6146/1990/11	Amendment Notice 1 extended licence period to 31 August 2021. Changed conditions to restrict fume emissions because of changes in the receiving environment. Required waste audit and noise investigation.
14/11/2018	L6146/1990/11	Amendment Notice 2 amended reporting dates from Amendment Notice 1
27/8/2021	L6146/1990/12	Licence renewal
14/11/2022	L6146/1990/12	Air emissions review – amendments to zinc kettle requirements in Table 1 (Condition1), Condition 7. Visible dust condition deleted.

## 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
Galvanizing Shed	<ul style="list-style-type: none"><li>Doors and windows are closed during the hot dip process unless the building is maintained under sufficient negative pressure to prevent galvanizing fumes from escaping through building openings.</li><li>The cladding is maintained so that there are no holes in walls or roof.</li><li>The exhaust fans on stack 1 (S1) and stack 2 (S2) must operate at all times during the galvanizing process with an exhaust velocity of not less than 11 ms<sup>-1</sup>.</li></ul>	Figure 1 Schedule 1
Zinc kettle	<ul style="list-style-type: none"><li>Wet galvanizing must not be carried out.</li><li>Items removed from the flux tank must be dry before being placed in the zinc kettle.</li><li>The zinc kettle must have a hood that enclosed the surface of the molten zinc during the hot dip process so that it captures fumes emitted from the kettle and directs them to the baghouse.</li><li>The licence holder must ensure that all items or objects placed into the zinc kettle for hot dipping must be no larger than the length or width of the zinc kettle so that no part of the item or object protrudes from the sides of the zinc kettle during the hot dipping process.</li></ul>	Figure 2 Schedule 1
40 KL Caustic tank	Tanks must be located within existing containment bund designed to contain a minimum of 110% of the largest tank or 25% of the total tank volume whichever is greater.	
4 x 40 KL Steel Hydrochloric acid tanks		
35 KL Quench tank		
35 KL Flux tank	<ul style="list-style-type: none"><li>Solid flux materials must not be dusted on the surface of the flux tank or onto items that are to be galvanized.</li><li>Tanks must be located within existing containment bund designed to contain a minimum of 110% of the largest tank or 25% of the total tank volume whichever is greater</li></ul>	

Site infrastructure and equipment	Operational requirement	Infrastructure location
Baghouse	<ul style="list-style-type: none"> <li>Must be in operation during the hot dip process</li> <li>Must have a functioning pressure drop gauge</li> <li>Must be free of holes or leaks in the filter material</li> </ul>	S1 Figure 1 Schedule 1
Wastewater tank	<ul style="list-style-type: none"> <li>Must be maintained to be impervious</li> <li>Must maintain a minimum freeboard of 300 mm</li> </ul>	Figure 1 Schedule 1

2. The licence holder must immediately recover, or remove and dispose of, spills of environmentally hazardous materials including fuel, oil, or other hydrocarbons, whether inside or outside an engineered containment system.
3. The licence holder must ensure that all material used for the recovery, removal, and/or disposal of environmentally hazardous materials is stored in an impermeable container prior to disposal at an appropriately authorised facility.
4. The licence holder must ensure that no visible dust generated by activities at the premises crosses the boundary of the premises.
5. The licence holder must ensure that no visible fumes generated by the activities of the premises crosses the boundary of the premises

## Emissions and discharges

### Emissions to air

6. 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 location
Fumes from the zinc kettle during hot dip process	S1 – baghouse stack	S1 Figure 1 Schedule 1
Fumes from acid, caustic, flux, and quench tanks	S2 – ridge vent stack	S2 Figure 1 Schedule 1

## Records and reporting

7. 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.
- 8.** 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 21 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 9.** 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;
  - (c) complaints received under condition 7 of this licence.
- 10.** The books specified under condition 9 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.

## 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 July until 30 June of the immediately following year.
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: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Condition	means a condition to which this licence is subject under s.62 of the EP Act
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.
Department Request	means a request for books or other sources of information to be produced, made by an Inspector or the CEO to the Licensee in writing and sent to the Licensee's address, as described at the front of this Licence, in relation to: (a) compliance with the EP Act or this licence; (b) the books or other sources of information maintained in accordance with this licence; or (c) the books or other sources of information relating to emissions from the premises
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
environmentally hazardous material	means material (either solid or liquid raw materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products, and waste) which if discharged into the environment form or within the premises may cause pollution or environmental harm.
hot dip process	means the period when an object is being lowered into the zinc kettle until after the object has been removed from the kettle and placed in the quench tank.

Term	Definition
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.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises maps (Figure 1 and 2) in Schedule 1 to this licence.
Wet galvanizing	means the process where articles for galvanizing are passed directly through a floating layer of molten flux on the surface of the molten zinc

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**END OF CONDITIONS**

## Schedule 1: Maps

### Premises map

The boundary of the premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises

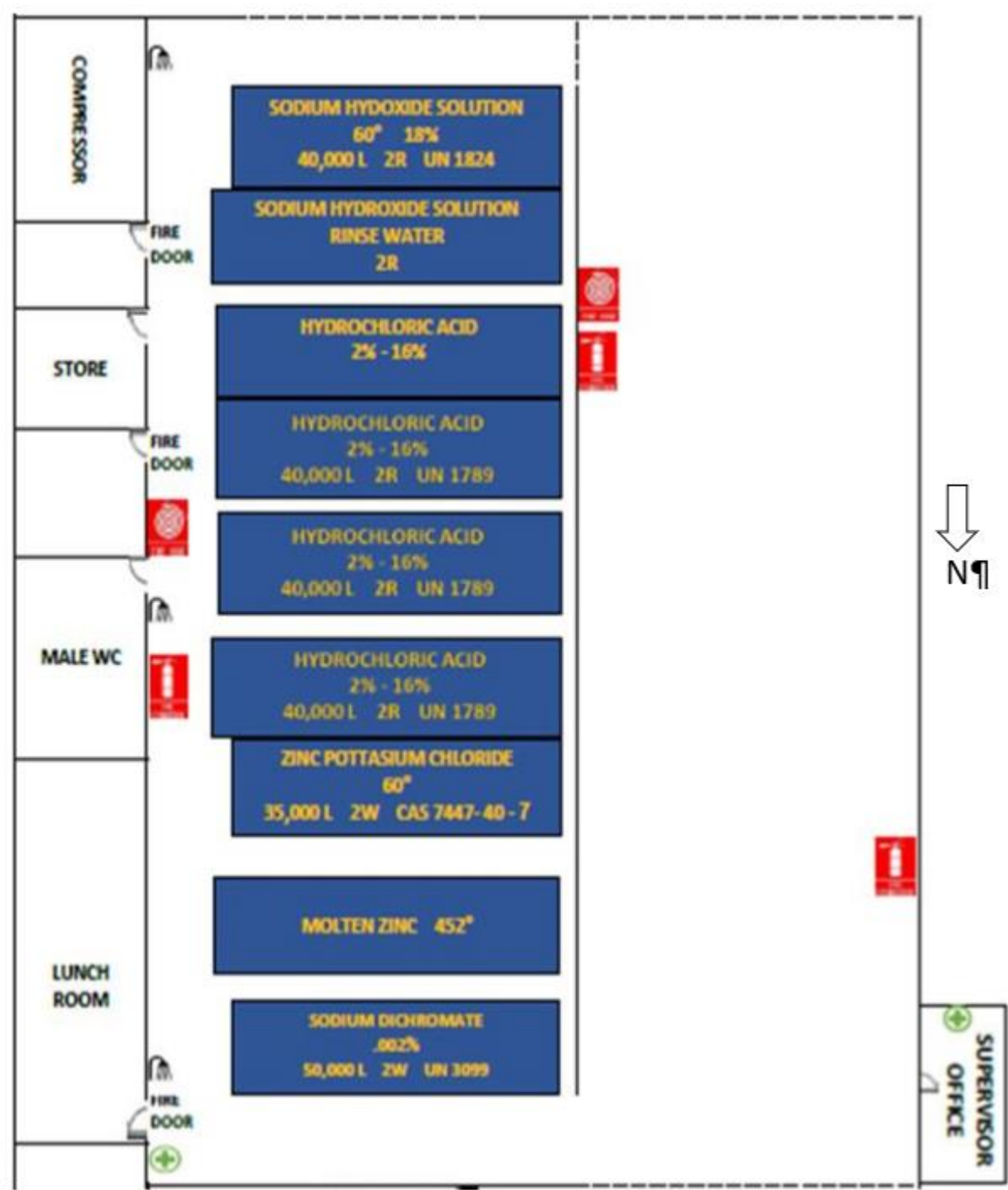


Figure 2: Galvanizing shed interior - treatment baths