



<b>Licence Number</b>	L5271/1983/14
<b>Licence Holder</b>	Alcoa of Australia Ltd <b>ACN</b> 004 879 298
<b>Registered business address</b>	181-205 Davy Street BOORAGOON WA 6154
<b>Date of amendment</b>	28 July 2016
<b>Prescribed Premises</b>	Category 46 – Bauxite refinery Category 52 – Electric power generation Category 64 – Class II or III putrescible landfill site Category 67 – Fuel burning
<b>Premises</b>	Pinjarra Refinery  Lot 19 on Diagram 44739, Part of Lot 109 on Diagram 60089, Part of Lot 151 on Plan 10914, Lot 221 on Plan 302632, Lot 222 on Plan 302638, Part of Lot 251 on Plan 35963 and Lot 252 on Plan 35963  Southwest Hwy PINJARRA WA 6208

## Amendment

The Chief Executive Officer (CEO) of the Department of Environment Regulation (DER) has amended the above licence in accordance with section 59 of the *Environmental Protection Act 1986* as set out in this Amendment Notice.

Date signed: 28 July 2016

**Jonathan Bailes**

**Manager Licensing (Process Industries)**

*an officer delegated under section 20 of the Environmental Protection Act 1986 (WA)*

## Amendment Notice

This notice is issued under section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

## Amendment Description

Alcoa of Australia Limited (the Licensee) was granted Licence L5271/1983/14 on 13 June 2014. The Licensee submitted an application for a licence amendment, received by DER on 28 March 2016, requesting amendments to conditions S1(a) and S1(b).

Condition S1(a) specifies the waste types permitted for disposal at the premises and the location where each can be disposed. The condition lists other specific premises under the Licensee's control from which the Licensee can accept and dispose of those same specified waste types.

Condition S1(b) specifies the manner in which hydrocarbon waste oil, a permissible waste type specified in condition S1(a), can be used for dust suppression within the Residue Storage Area (RSA).

The requested amendments are summarised in the table below.

Condition	Licensee's requested amendments
S1(a)	List the Alcoa Booragoon office, Farmlands Operations and Bunbury Port Facility as additional premises for the purposes of receiving the specified waste types and disposing in the specified locations as per Table 6 in condition S1(a).
	Include 'putrescible waste' and the 'worm farm' as an additional waste type and disposal location respectively.
S1(b)(i)	Change the waste oil procedure reference in condition S1(b)(i) to an updated version number.

## Decision

### Condition S1(a)

The specified waste types and disposal locations in condition S1(a) are the key elements that impact on the assessed risk. The addition of other premises that are under the Licensee's control from where the waste is derived will not alter these aspects. Therefore, the Delegated Officer considers that this change will not alter the risk profile of the premises. The additional source premises will be listed in condition S1(a).

In determining whether to include putrescible waste as a waste type and the worm farm as a disposal location in Table 6 of condition S1(a), the Licensee confirmed that the putrescible waste directed to the worm farm is food or kitchen waste (and occasionally nursery propagation gel).

Waste volume data for the last five years shows that between 85 and 109 tonnes of putrescible waste was processed per year. Vermicast, liquid waste, and compost produced by the worm farm are used in the Licensee's rehabilitation plantings at the premises. Waste not suitable for the worm farm is directed to the onsite landfill within the RSA.

For the purposes of DER's published *Guidance Statement: Licensing and works approvals process*, the Delegated Officer considered that the activity of accepting kitchen waste was a secondary activity on the basis that it:

- is a category 61A (solid waste facility) or 62 (solid waste depot) activity;
- is below the production of design capacity threshold for category 61A (1,000 tonnes per year) and 62 (500 tonnes per year); and
- does not contribute to the nature and type of emissions from the primary activity (i.e. Bauxite refining).

On this basis, the Delegated Officer determined that condition S1(a) does not require amendment to include putrescible waste and the worm farm in Table 6. This does not limit the Licensee's ability to continue this activity noting the requirement for the activity to comply with the general provisions in Part V of the EP Act.

Condition S1(b)

The Delegated Officer took into consideration the Licensee's advice in that the referenced document in condition S1(b)(i) has undergone non-material changes to address formatting issues, and the version number had been altered accordingly. A copy of the updated document was provided with the application. Based on the nature of the document updates, the reference in the condition has been updated.

**Amendment History**

Instrument	Issued	Amendment
L5271/1983/14	29/04/2016	Amendment Notice 1 Extension of licence expiry date to 16/06/2025
L5271/1983/14	28/07/2016	Amendment Notice 2 Amendments to conditions S1(a) and S1(b)

## Amendments

1. Condition S1(a) is amended by the insertion of the red text shown in underline below:

*The Licensee is permitted to dispose of wastes generated at the premises by the Licensee and wastes from the Alcoa Booragoon Office, Alcoa Peel Regional Office, Huntly and Willowdale Minesites, Kwinana and Wagerup refineries, Alcoa Farmlands Operations, Alcoa Bunbury Port Facility, and Alcoa Discovery Centre of the types listed in Column 1 of Table 6 at the locations detailed in Column 2 of Table 6.*

2. Condition S1(b) is amended by deletion of the text shown in strikethrough and insertion of the red text shown in underline below:

*The Licensee shall ensure the hydrocarbon waste oil referred to in Table 6 of condition S1(a) is used in accordance with the following requirements:*

- (i) it is used in accordance with the Alcoa Controlled Document No. AUACDS-2048-1498 Use Of Waste Oil As A Dust Suppressant On Roads Roadways Within The Residue Storage Area (PIN), ~~Version 3, Dated 24/06/2014~~ Version 4, Last updated 22/07/2014;*
- (ii) it is only applied at the minimum required rate for effective dust suppression; and*
- (iii) it is only applied such that any run-off from an applied surface is contained by the closed circuit internal drainage collection system.*