



Licence Number	L4504/1981/17
Licence Holder	South 32 Worsley Alumina Pty Ltd
ACN	008 905 155
Registered business address	Gastaldo Road ALLANSON WA 6225
Date of amendment	5 August 2016
Prescribed Premises	Category 46 Bauxite refining Category 52 Electric power generation Category 53 Flyash disposal Category 54 Sewage facility Category 61 Liquid waste facility Category 63 Class I inert landfill site Category 89 Putrescible landfill site
Premises	Worsley Alumina Refinery Lease NO 3116/7574 Gestaldo Road COLLIE WA 6225

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: 5 August 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

The licence for the Worsley Alumina Refinery was renewed on Thursday 24 September 2016. The renewed licence included an existing improvement condition (condition 4.1.1, Table 4.1.1 (IR2)) which required the Licensee to submit a Continuous Emissions Monitoring System (CEMS) Implementation Plan for monitoring temperature, flow rate, oxygen, carbon dioxide (CO₂), carbon monoxide (CO), particulates, sulfur dioxide (SO₂), opacity and oxides of nitrogen (NO_x) emissions from emission points A1 to A3 prior to 31 December 2015. The Licensee appealed the improvement requirement under section 102(1)(b) of the EP Act.

The Minister's appeal determination was made on 30 June 2015 (Appeal Number 80 of 2015). The Minister determined that the improvement requirement should be retained, but that the due date should be extended until 30 November 2016. The Minister also determined that the inclusion of the parameters carbon dioxide (CO₂), carbon monoxide (CO), and oxides of nitrogen (NO_x) were not justified from a risk assessment perspective, and allowed the appeal to that extent accordingly.

Decision

This amendment is made pursuant to section 59(1)(j) of the EP Act, being an amendment to give effect to a decision of the Minister under the EP Act.

A copy of the Minister's Appeal Determination and Appeals Convenor's report can be obtained from the Appeals Convenor's website at www.appealsconvenor.wa.gov.au.

Amendment History

Instrument	Issued	Amendment
L4504/1981/17	24/09/2015	Licence re-issue
L4504/1981/17	05/08/2016	Amendment Notice 1 Licence amendment to include Minister's Appeal Determination (Appeal Number 80 of 2015)

Amendment

1. Table 4.1.1 of the licence is amended by the deletion of the text shown in strikethrough below and the insertion of the red text shown in underline below:

<i>Table 4.1.1: Improvement program</i>		
Improvement reference	Improvement	Date of completion
IR1	<i>The Licensee shall submit a final report for Version 3 of the Air Emissions Inventory as described in the Scope of Works for Development of "Versions 3" Air Emissions Inventory BHP Billiton Worsley Alumina Refinery Draft (ENVALL, March 2015)</i>	30/03/2018
IR2	<p><i>The Licensee shall submit to the CEO, a Continuous Emissions Monitoring System (CEMS) Implementation Plan for monitoring temperature, flow rate, oxygen, CO₂, CO, particulates, SO₂, <u>and</u> opacity and NO_x emissions from emission points A1 to A3 where currently not available. The Plan shall include but not be limited to the following:</i></p> <ul style="list-style-type: none"> <i>(i) identification of the CEMS technology of choice in accordance with the CEMS Code;</i> <i>(ii) timeframe for installation, calibration and operation of the CEMS on boilers 1-3; and</i> <i>(iii) proposed action plan, which addresses any constraints identified, with the objective of having the CEMS technology identified above operational as early as possible.</i> 	<p>31/12/2015 <u>30/11/2016</u></p>