



Victoria Government Gazette

No. S 318 Tuesday 4 December 2007
By Authority, Victorian Government Printer

Environment Protection Act 1970 Act No. 8056/1970

INDUSTRIAL WASTE MANAGEMENT POLICY (PRESCRIBED INDUSTRIAL WASTE) Prescribed Industrial Waste – Classification by Hazard

Pursuant to clause 11(1) of the Industrial waste management policy (Prescribed Industrial Waste) and in accordance with the criteria presented in Schedule 1 of that policy, the Environment Protection Authority Victoria (EPA) hereby classifies the prescribed industrial wastes specified in Section 3 below based on the hazard posed by the waste to human health and the environment.

1. CLASSIFICATION NUMBER

2007/017

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Australian Refined Alloys Pty Ltd ('the occupier')
- Premises address: 19 Little Boundary Rd, Laverton North, Victoria ('the premises')
- EPA licence number: EA5390

3. PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

3.1 This classification applies to the following prescribed industrial wastes generated at the premises.

- Lead rotary furnace slag ('slag') generated as specified in 'Update for the Application for Prescribed Industrial Waste Classification for ARA Slag' submitted to EPA on 26 October 2007 ('the Application'):
 - a) containing lead with:
 - a total concentration not exceeding the range in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996, 'Guidelines for Hazard Classification of Solid Prescribed Industrial Wastes, 2005' (as amended from time to time) ('EPA Publication 996'); and
 - b) containing selenium with:
 - a total concentration not exceeding the range in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - c) containing antimony with:
 - a total concentration not exceeding the range in the Application; and
 - a leachable concentration not exceeding the range in the Application; and
 - d) containing arsenic with:
 - a total concentration not exceeding the TC2 threshold specified in Appendix 3 of EPA Publication 996; and
 - a leachable concentration not exceeding the range in the Application; and
 - e) containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any TC2 or ASLP2 thresholds specified in Appendix 3 of EPA Publication 996; and
 - f) that does not display any of the specific hazard characteristics listed in Appendix 2 of EPA Publication 996.

SPECIAL

4. PERIOD OF VALIDITY

This classification commences on 1 December 2007 and is effective until 1 December 2008 unless it is revoked or varied by the EPA before that date.

5. HAZARD CLASSIFICATION

Slag (as specified in section 3.1 above) that has been managed in accordance with the conditions of this classification (as set out in Section 6 below) is classified as Category B prescribed industrial waste.

6. CONDITIONS OF CLASSIFICATION

The slag referred to above is only classified as Category B waste if all of the following conditions have been met.

Waste assessment, treatment and disposal requirements

6.1 Slag may be disposed to a facility licensed by EPA to accept Category B prescribed industrial wastes.

Sampling and analysis

6.2 The occupier must carry out waste sampling and analysis as set out in Schedule 1 to this classification.

6.3 The sampling of slag must be carried out in accordance with EPA Publication 441, 'A guide to the Sampling and Analysis of Waters, Wastewater, Soils and Waste, 2000' (as amended from time to time).

6.4 The analysis of slag to determine the hazard category must be carried out in accordance with EPA Publication 996.

Monitoring and reporting

6.5 The occupier must carry out monitoring in accordance with Schedule 1.

6.6 The occupier must report to EPA, Waste Management Unit, the following:

- a) for every three months, at the end of the following month:
 - waste sampling and analysis results as specified in Schedule 1; and
 - information as required in Schedule 2 Row A and Row B; and
 - quantities of slag disposed of to landfill for each month; and
- b) information as required in Schedule 2 Row C and Row D.

Notification and record keeping

6.7 The occupier must keep a copy of all analysis results for slag for a period of at least five years.

6.8 The occupier must immediately notify EPA in writing of any slag that does not meet the requirements of this classification.

7. NOTE

This classification may be amended or revoked by the EPA by way of written notice in the Victoria Government Gazette. Current classifications can also be found on EPA's website at www.epa.vic.gov.au

Schedule 1: Sampling and analysis requirements

	Period	Sampling requirements	Frequency	Analytical requirements
1	1 Dec 07 to 1 Dec 08, excluding Feb 2008 and Aug 2008	One grab sample of slag taken from each furnace charge each day and combined into a monthly composite sample.	Monthly	Analysis of total contaminant concentrations for all the inorganic species listed in Appendix 3 of EPA Publication 996, excluding asbestos, boron, silver and tributyltin oxide. Analysis of leachable concentrations for the above inorganic species with total contaminant concentrations greater than 20 times the ASLP1 threshold in Appendix 3 of EPA Publication 996.
2	Feb 2008 and Aug 2008	One grab sample of slag taken from each furnace charge each day and combined into a weekly composite sample.	Weekly	As above.
3	May 2008	One grab sample of slag taken from each furnace charge each day and combined into a monthly composite sample.	Once	Carry out a Multiple Extraction Procedure using synthetic acid rain buffer solution for lead.

Schedule 2: Reporting requirements

	Report Due Date	Report requirements
A	As specified in Section 6.6	For each quantity of slag tapped from the furnace: <ul style="list-style-type: none"> ● the slag-to-bullion ratio; and ● the quantity of slag per charge.
B	As specified in Section 6.6	Weekly TCLP reports for lead, cadmium and arsenic, as performed by SIMS laboratory.
C	31 May 08	A written plan of proposed initiatives to reduce the hazard and volume of slag discharged to landfill.
D	30 Sep 08	A written report consisting of: <ul style="list-style-type: none"> ● a description of the progress made on the initiatives as specified in Row C above; and ● any changes and improvements made to the plan as specified in Row C above.

craftsmanpress

The *Victoria Government Gazette* is published by The Craftsman Press Pty Ltd with the authority of the Government Printer for the State of Victoria

© State of Victoria 2007

This publication is copyright. No part may be reproduced by any process except in accordance with the provisions of the Copyright Act.

Address all enquiries to the Government Printer for the State of Victoria
Level 2 1 Macarthur Street
Melbourne 3002
Victoria Australia

How To Order**Mail Order****Victoria Government Gazette**

Level 1 520 Bourke Street
Melbourne 3000
PO Box 1957 Melbourne 3001
DX 106 Melbourne

**Telephone**

(03) 9642 5808

**Fax**

(03) 9600 0478

email

gazette@craftpress.com.au

**Retail & Mail Sales****Victoria Government Gazette**

Level 1 520 Bourke Street
Melbourne 3000
PO Box 1957 Melbourne 3001

**Telephone**

(03) 9642 5808

**Fax**

(03) 9600 0478

**Retail Sales****Information Victoria**

505 Little Collins Street
Melbourne 3000

**Telephone**

1300 366 356

**Fax**

(03) 9603 9920

Price Code A