



Victoria Government Gazette

No. S 347 Friday 5 December 2008
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 to 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

2008/031

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Australian Refined Alloys Pty Ltd ('the occupier')
- Premises address: 19 Little Boundary Road, 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 'ARA Updated Application for Slag Waste Classification' submitted to EPA on 24 October 2008 ('the Application'):
 - a) containing lead with:
 - a total concentration with 95% UCL over the period of this classification not exceeding 28,000 mg/kg; and
 - a total concentration for any given composite sample as specified in Schedule 1 to this classification not exceeding 45,000 mg/kg; 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 with 95% UCL over the period of this classification not exceeding 300 mg/kg; and
 - a total concentration for any given composite sample as specified in Schedule 1 to this classification not exceeding 390 mg/kg; 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 with 95% UCL over the period of this classification not exceeding 450 mg/kg; and
 - a total concentration for any given composite sample as specified in Schedule 1 to this classification not exceeding 585 mg/kg; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - d) containing arsenic with:
 - a total concentration for any given composite sample as specified in Schedule 1 to this classification not exceeding the TC2 threshold specified in Appendix 3 of EPA Publication 996; and

SPECIAL

- a leachable concentration for any given composite sample as specified in Schedule 1 to this classification not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
- e) containing any other contaminants where contaminant total 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.

4. PERIOD OF VALIDITY

This classification commences on 2 December 2008 and is effective until 1 June 2009 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 landfill 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 the following:
- a) for every month, 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
 - quantities of slag disposed of to landfill for each month; and
 - b) information as required in Schedule 2 Row C and Row D.
- 6.7 The occupier must provide a full copy of this classification to the receiving landfill facility.

Notification and record keeping

- 6.8 The occupier must keep a copy of all analysis results for slag for a period of at least five years.
- 6.9 The occupier must immediately notify EPA in writing of any slag that does not meet the requirements of this classification.
- 6.10 The occupier must immediately notify EPA in writing of any batch of slag, analysed as specified in Schedule 1, that exceeds any of the contaminant concentrations and leachable concentrations specified in Section 3.1.

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	2 Dec 08 to 1 June 09	One grab sample of slag taken from each furnace charge each day and combined into a fortnightly 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	February 2009	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, antimony and arsenic for a period of at least 10 consecutive extractions.

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	28 February 2009	A written report consisting of: <ul style="list-style-type: none"> a description of the progress made on the initiatives identified during the previous classification 2007/017; and any changes and improvements made to the plan as identified during the previous classification 2007/017.
C	30 March 2009	A written report consisting of a description of actions to be implemented before 1 June 2009 to ensure that waste is properly characterised and compliance with all conditions in this classification confirmed prior to disposal of wastes to landfill.
D	30 April 2009	A written report consisting of: <ul style="list-style-type: none"> a technical description of potential treatment methodologies to immobilise lead, antimony and arsenic contaminants below Category C levels in the slag.

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 to 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

2008/029

2 OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Registered Site Owner Name: City of Yarra ('the occupier')
- Registered Site Owner Address: PO Box 168, Richmond, Vic. 3121
- Site Address: 85 Walker Street, Clifton Hill, Vic. ('the premises')

3 PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

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

- Contaminated soil located at the premises with a volume not exceeding 250 cubic meters managed as specified in the 'Application for Classification by EPA Victoria for Prescribed Industrial Waste' – submitted to EPA on 21 October 2008 ('the Application'):
 - containing Benzo (a) pyrene with:
 - a total concentration not exceeding the maximum value specified in the application; and
 - a leachable concentration not exceeding the leachate concentration threshold value 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
 - containing total Polycyclic Aromatic Hydrocarbon (PAH) not exceeding total concentration threshold as specified in appendix 3 of EPA Publication 996; and
 - containing any other contaminants where total concentrations and leachable concentrations do not exceed any thresholds specified in appendix 3 of EPA Publication 996; and
 - that does not display any of the specific hazard characteristics listed in Appendix 2 of EPA Publication 996.

4 PERIOD OF VALIDITY

This classification commences on 2 December 2008 and is effective until 1 March 2008 unless it is revoked or varied by the EPA before that date.

5 HAZARD CLASSIFICATION

Contaminated soil that has been managed in accordance with the conditions of this classification (as set out in Section 6 below) is classified as Category C prescribed industrial waste.

6 CONDITIONS OF CLASSIFICATION

Contaminated soil referred to above ('wastes') is only classified as Category C wastes if all of the following conditions have been met.

Waste assessment, treatment and disposal requirements

- 6.1 Wastes destined for landfill must not contain any free liquid as determined by method 9095A 'Paint Filter Liquid Test' in the Test Methods for Evaluating Solid Wastes – Chemical / Physical Methods (USEPA 1997).
- 6.2 Wastes destined for landfill must not be mixed or contaminated with any other prescribed industrial waste as listed in Part B of Schedule 1 to the Environment Protection (Prescribed Waste) Regulations 1998 or any other waste prior to sampling and laboratory analyses of the wastes conducted as per Schedule 1 to this classification.
- 6.3 Treated wastes must be assessed against compliance with section 3.1 of this classification prior to their disposal to landfill. Treated wastes with result/s of laboratory analyses exceeding the allowed threshold values of total concentrations or leachable concentrations specified in 3.1 must not be disposed to landfill.
- 6.4 Wastes may only be disposed to a facility licensed by EPA to accept Category C prescribed industrial wastes.

Monitoring and reporting

- 6.5 The occupier must report the following to EPA prior to the end of the Period of Validity specified in Section 4:
 - the actual volume of wastes disposed of to a facility; and
 - the date(s) on which the wastes were disposed of; and
 - the name of the facility which received the wastes.
- 6.6 The occupier must submit a full copy of this classification to the receiving landfill facility prior to disposal of the wastes to landfill.

Notification and record keeping

- 6.7 The occupier must keep a copy of all analysis results for the untreated and treated wastes for a period of at least five years.
- 6.8 The occupier must notify EPA in writing of any findings that may warrant a re-classification of the untreated or treated waste prior to treatment or prior to disposal, whichever applies.

7 NOTES

Wastes that have been managed in accordance with the conditions of this classification may only be disposed of using the following waste type code:

'N121 – Category C contaminated soil'.

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

This page was left blank intentionally

This page was left blank intentionally

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 2008

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