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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

2009/004

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Sims Aluminium Pty Ltd ('the occupier'), ACN 004 370 905
- Premises address: 80 Buckley Grove, Moolap, Vic. 3221 ('the premises')
- EPA licence number: EA 5547

3. PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

3.1. This classification applies to the following prescribed industrial waste that has been generated at the premises.

- a) Dross fines generated in accordance with the methodology specified in the document titled 'Application for Alternate Hazard Classification of Prescribed Industrial Waste' submitted by the occupier to EPA on 21 October 2008 ('the Application'):
 - containing fluoride with:
 - a total concentration not exceeding 70,000 mg/kg; and
 - a leachable concentration not exceeding the ASLP1 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
 - containing any other contaminants where contaminant total concentrations and leachable concentrations do not exceed any TC1 or ASLP1 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; and
- b) Processed salt slag generated in accordance with the methodology specified in the Application:
 - containing fluoride with:
 - a total concentration not exceeding 70,000 mg/kg; and
 - a leachable concentration not exceeding the ASLP1 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant total concentrations and leachable concentrations do not exceed any TC1 or ASLP1 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; and

SPECIAL

- c) Non-metallic product generated in accordance with the methodology specified in the Application:
- containing fluoride with:
 - a total concentration not exceeding 70,000 mg/kg; and
 - a leachable concentration not exceeding the ASLP1 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant total concentrations and leachable concentrations do not exceed any TC1 or ASLP1 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 20 January 2009 and is effective until 31 December 2009 unless it is revoked or varied by the EPA.

5. HAZARD CLASSIFICATION

Wastes that have been managed in accordance with the conditions of this classification (as set out in Section 6 below) are classified as Category C prescribed industrial waste.

6. CONDITIONS OF CLASSIFICATION

Dross fines, processed salt slag and non-metallic product referred to in section 3 above ('wastes') are only classified as Category C prescribed industrial 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;
 - a) any other prescribed industrial waste listed in Part B of Schedule 1 to the Environment Protection (Prescribed Waste) Regulations 1998; or
 - b) any other treated waste,prior to sampling and laboratory analyses of the wastes required by condition 6.4 of this classification.
- 6.3. Wastes may only be disposed to a facility licensed by EPA to accept Category C prescribed industrial wastes.

Sampling and analysis

- 6.4. The occupier must carry out sampling and analysis of the wastes in accordance with Schedule 1 to this classification.
- 6.5. The sampling of wastes 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).
- 6.6. The analysis of wastes to determine the hazard category must be carried out in accordance with EPA Publication 996.

Monitoring and reporting

- 6.7. The occupier must provide to EPA:
 - a) a written report for each calendar month by the end of the following month that includes:

- quantities of each waste stream disposed to landfill; and
 - the landfill facility that received the wastes; and
 - summary charts of results of waste analysed in accordance with condition 6.4 of this classification and the corresponding NATA-accredited laboratory analyses reports; and
 - individual summary charts for each of the following parameters:
 - i. composition of mixed feeding stocks; and
 - ii. grinding of feeding stocks; and
 - iii. aluminium recovery rates; and
- b) a written report by 30 June 2009 of all new processes implemented by the occupier and the effect on the volumes and chemical compositions of the prescribed industrial waste generated.
- 6.8. The occupier must provide to any landfill receiving wastes in accordance with condition 6.3 of this classification:
- a) a full copy of this classification; and
 - b) a table identifying the contaminant limits as defined in section 3.1 of this classification.

Notification and record keeping

- 6.9. The occupier must keep records of transport certificate numbers and associated NATA-accredited laboratory analyses reports for each load of wastes sent to landfill for a period of at least five years.
- 6.10. The occupier must immediately notify EPA of results of laboratory analyses conducted in accordance with condition 6.4 of this classification that exceed any of the contaminant concentrations and leachable concentrations specified in section 3.1 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	Sample Requirements	Frequency	Analytical Parameters
16 January 2009 – 31 Dec 2009	Daily composite sample of each separate waste stream.	Daily	Analysis of total and leachable contaminant concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: – Fluoride.
16 January 2009 – 31 Dec 2009	Monthly composite samples of each separate waste stream consisting of daily composite samples of each waste stream (e.g. the monthly composite sample for dross fines must consist of all daily composite samples of dross fines for that month).	Monthly	Analysis of total contaminant concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: – All inorganic species except asbestos and tributyltin oxide. Analysis of leachable concentrations for all of the above contaminants with total concentrations exceeding 20 times the relevant ASLP1 threshold in Appendix 3 of EPA Publication 996.

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