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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

2008/004.

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Onesteel Wire Pty Ltd ('the occupier')
- Premises address: 28 Madden Avenue, Northshore, Victoria ('the premises')
- EPA licence number: EM31642.

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.

- Filter cake generated in accordance with the methodology specified in 'Application by Onesteel Wire Pty Ltd for Prescribed Industrial Waste Classification by EPA Victoria: January 2008' submitted to EPA on 21 January 2008 ('the Application'):
 - containing copper with:
 - a total concentration not exceeding the range specified 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
 - containing lead with:
 - a total concentration not exceeding the range specified in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - 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
 - 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 11 February 2008 and is effective until 31 July 2008 unless it is revoked or varied by the EPA before that date.

5. HAZARD CLASSIFICATION

Filter cake 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.

SPECIAL

6. CONDITIONS OF CLASSIFICATION

Filter cake referred to above ('wastes') is only classified as Category B 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.
- 6.3 Wastes may only be disposed to a facility licensed by EPA to accept Category B prescribed industrial wastes in accordance with a classification issued by EPA.

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, Waste Management Unit:
 - a) a written report for each calendar month by the end of the following month that includes:
 - the total quantity of wastes disposed to landfill; and
 - analysis results for all of the analyses required in Schedule 1.
 - b) a written report as specified in Schedule 2.

Notification and record keeping

- 6.8 The occupier must keep a copy of all analysis results for wastes for at least five years.
- 6.9 The occupier must keep records of transport certificate numbers and associated certificate of analysis report numbers for each load of treated waste sent to landfill for a period of at least two years.
- 6.10 The occupier must immediately notify EPA in writing of any batch of filter cake 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	Sample Requirements	Frequency	Analytical Parameters
11 Feb 08 – 31 Jul 08	One weekly grab sample of filter cake combined into a monthly composite sample.	Once for each month	Analysis of total contaminant concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: – all inorganic species excluding asbestos and tributyltin oxide. Analysis of leachable concentrations for all of the above contaminants with total concentrations greater than 20 times the ASLP1 threshold in Appendix 3 of Publication 996.
		Once in June 2008	Perform a Multiple Extraction Procedure for lead, using synthetic acid rain buffer solution, with analyses performed from days 1 to 20 inclusively.

Schedule 2: Reporting requirements

	Report due date	Report requirements
A	30 June 2008	A written report that includes: <ul style="list-style-type: none"> ● a description of any changes to the material inputs and processes that generate the wastes during the period of validity; and ● a summary of how total concentrations and leaching concentrations of contaminants present in the wastes have changed during the period of validity; and ● a plan for initiatives to reduce the volume and hazard of the wastes.

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

2008/005.

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Transwaste Technologies Pty Ltd ('the occupier')
- Premises address: 126 Barry Rd, Campbellfield Victoria ('the premises')
- EPA licence number: EI36159.

3. PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

3.1 This classification applies to the following prescribed industrial wastes that have undergone treatment at the premises.

- Treatment plant residue treated in accordance with the methodology specified in 'Transwaste Technologies Pty Ltd Application for Classification of Solid Prescribed Industrial Waste: Treatment Plant Residue Campbellfield site' submitted to EPA on 28 June 2007:
 - containing antimony with:
 - a total concentration not exceeding the range specified in 'Extension of time submission – Classification of Solid Prescribed Industrial Waste: Treatment Plant Residue' submitted to EPA on 16 January 2008 ('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
 - containing di-(2-ethylhexyl) phthalate with:
 - a total concentration not exceeding the range specified in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - Containing C10–C36 total petroleum hydrocarbons with a total concentration not exceeding the range specified in the Application; and
 - containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any relevant TC2 or ASLP2 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.

3.2 This classification does not apply to prescribed industrial wastes that contain contaminated soils as specified by the following waste type codes:

- N119 – 'Category A contaminated soil'; or
- N120 – 'Category B contaminated soil'; or
- N121 – 'Category C contaminated soil'.

4. PERIOD OF VALIDITY

This classification commences on 8 February 2008 and is effective until 30 September 2008 unless it is revoked or varied by the EPA before that date.

5. HAZARD CLASSIFICATION

Treatment plant residue (as specified in section 3.1 above) that have been managed in accordance with the conditions of this classification (as set out in Section 6 below) are classified as Category B prescribed industrial wastes.

6. CONDITIONS OF CLASSIFICATION

Treatment plant residue referred to above ('treated waste') are only classified as Category B wastes if all of the following conditions have been met.

Waste assessment, treatment and disposal requirements

- 6.1 Treated waste 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 Treated waste 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 treated waste.
- 6.3 Treated waste may only be disposed to a facility licensed by EPA to accept Category B prescribed industrial wastes that are immobilised in accordance with a classification issued by EPA.

Sampling and analysis

- 6.4 The occupier must carry out sampling and analysis of the treated waste as set out in Schedule 1 to this classification.
- 6.5 The sampling of treated waste 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 treated waste 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, Waste Management Unit:
 - a) a written report for each calendar month by the end of the following month that includes:
 - quantities of solid, liquid and sludge prescribed industrial waste accepted into the facility that has undergone or will undergo treatment to produce treatment plant residue;
 - quantities of treatment plant residue disposed to landfill; and
 - analytical results and summary charts for waste analyses as specified in Schedule 1; and
 - b) written reports as required in Schedule 2.

Notification and record keeping

- 6.8 The occupier must keep a copy of all analysis results for treated wastes for a period of at least five years.
- 6.9 The occupier must keep records of transport certificate numbers and associated certificate of analysis report numbers for each load of treated waste sent to landfill for a period of at least two years.
- 6.10 The occupier must immediately notify EPA in writing of any batch of treatment plant residue, 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

Frequency	Sample Requirements	Frequency	Analytical Parameters
8 Feb 2008 – 30 Sep 2008	One grab sample of treatment plant residue from each treated pit of waste combined into a composite sample for the batch.	One composite sample for each batch, prior to sending to disposal.	Analysis of total contaminant concentrations and leachable concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: <ul style="list-style-type: none"> – all inorganic species; – C6–C9 petroleum hydrocarbons; – C10–C36 petroleum hydrocarbons (as total recoverable hydrocarbons and as total petroleum hydrocarbons); – benzene, toluene, ethylbenzene, xylenes and styrene; – polycyclic aromatic hydrocarbons; – di-(2-ethylhexyl) phthalate; and – any other contaminant that may be present in the waste.

Schedule 2: Reporting requirements

	Report due date	Report requirements
A	31 Mar 2008	A written report on C10–C36 petroleum hydrocarbons, antimony and di-(2-ethylhexyl) phthalate present in treatment plant residue that identifies, to the extent practicable, the incoming waste sources of each of these contaminants.
B	30 Apr 2008	A written report describing plans to segregate wastes received at the premises after the completion of current works.

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