

Licence # 6163

Full licence available at:

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=38801&SYSUID=1&LICID=6163>

Tomago Aluminium Company Limited
638 Tomago Road, Tomago NSW 2322

Monitoring Period: Nov 2014 - Oct 2015

EPA Monitoring Point	1	2	3	4	5	6	7	8	9	30
Descriptor	Line 1 West Stack	Line 1 East Stack	Line 2 West Stack	Line 2 East Stack	Anode Plant 1 Stack	Anode Plants 2&3 Stack	Line 3 West Stack	Line 3 East Stack	Line 1&2 Extension Stack	Total smelter emissions sum of point sources
Total Solid Particles, mg/m3	24	20	3.0	4.8	4.6	4.4	5.6	9.7	1.7	
Monitoring frequency requirement	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	
Date Tested	27/03/2015	23/06/2015	16/07/2015	21/09/2015	18/05/2015	20/05/2015	27/07/2015	28/05/2015	26/05/2015	
Date Results Available	1/04/2015	24/06/2015	4/08/2015	22/09/2015	6/07/2015	6/07/2015	28/07/2015	29/05/2015	26/05/2015	
Date Published	9/06/2015	9/07/2015	11/08/2015	14/10/2015	9/07/2015	9/07/2015	11/08/2015	9/06/2015	9/06/2015	
Licence Limit, mg/m3	50	50	50	50	50	50	50	50	50	
Exceedance?	No	No	No	No	No	No	No	No	No	
Nitrogen Oxides, g/m3					0.077	0.15				
Monitoring frequency requirement					Annually	Annually				
Date Tested					19/05/2015	21/05/2015				
Date Results Available					6/07/2015	6/07/2015				
Date Published					9/07/2015	9/07/2015				
Licence Limit, mg/m3					2.0	2.0				
Exceedance?					No	No				
Total PAH's, mg/m3					0.05	0.13				
Monitoring frequency requirement					Annually	Annually				
Date Tested					19/05/2015	21/05/2015				
Date Results Available					6/07/2015	6/07/2015				
Date Published					9/07/2015	9/07/2015				
Fluoride, kg F / t Al										0.43
Monitoring frequency requirement										Calculation at End of Licence Year
Date Results Available										1/11/2015
Date Published										11/11/2015
Licence Limit, mg/m3										0.56**
Exceedance?										No

Notes:

There are no applicable licence limits for Total PAH's

mg/m3 = milligrams per cubic metre

g/m3 = grams per cubic metre

kg F / t Al = kilograms fluoride per tonne aluminium produced

**This limit may be exceeded to a maximum of 0.6 one year out of every five

Comments on exceedances: _____

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Monitoring Period:

Nov 2014 - Oct 2015

EPA Monitoring Point	31	32	33	34
Descriptor	No.1 Paste Plant, Pitch Circuit Stack	No.1 Paste Plant, Proportioning Circuit Stack	No.2 Paste Plant, Pitch Circuit Stack	No.2 Paste Plant, Proportioning Circuit Stack
Total Solid Particles, mg/m3	3.8	25	6	4.1
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	31/03/2015	23/07/2015	2/04/2015	2/04/2015
Date Results Available	24/08/2015	24/08/2015	24/08/2015	14/10/2015
Date Published	15/09/2015	15/09/2015	15/09/2015	15/09/2015
Licence Limit, mg/m3	50	50	50	50
Exceedance?	No	No	No	No
Total PAH's, mg/m3	1.40	0.03	0.03	0.71
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	31/03/2015	23/07/2015	2/04/2015	2/04/2015
Date Results Available	24/08/2015	24/08/2015	24/08/2015	24/08/2015
Date Published	15/09/2015	15/09/2015	15/09/2015	15/09/2015
Licence Limit, mg/m3	2.0	2.0	2.0	2.0
Exceedance?	No	No	No	No
Benzo(a)pyrene, mg/m3	0.000180	0.000420	0.00006	0.00024
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	31/03/2015	23/07/2015	2/04/2015	2/04/2015
Date Results Available	24/08/2015	24/08/2015	24/08/2015	24/08/2015
Date Published	15/09/2015	15/09/2015	15/09/2015	15/09/2015
Licence Limit, mg/m3	0.05	0.05	0.05	0.05
Exceedance?	No	No	No	No

Notes:

mg/m3 = milligrams per cubic metre

NYA = Not Yet Available

Comments on exceedances: _____

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Monitoring Period:

Nov 2014 - Oct 2015

EPA Monitoring Point	38	
Descriptor	Deline/Regain Spent Potliner Dust Filter	
	Total Solid Particles, mg/m3	Fine Particulates, mg/m3
	4.0	0.16
Monitoring frequency requirement	Annually	Annually
Date Tested	6/02/2015	6/02/2015
Date Results Available	18/02/2015	18/02/2015
Date Published	10/03/2015	10/03/2015
Licence Limit, mg/m3	20	10
Exceedance?	No	No

Notes:

mg/m3 = milligrams per cubic metre

NYA = Not Yet Available

Comments on exceedances: _____