

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 2016 - Oct 2017

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	13	14	18	13	13	2.7	10	6.4	1.8	
Monitoring frequency requirement	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	
Date Tested	30/06/2017	31/05/2017	28/04/2017	27/07/2017	11/05/2017	9/05/2017	30/01/2017	24/01/2017	24/02/2017	
Date Results Available	5/07/2017	1/06/2017	1/05/2017	31/07/2017	20/06/2017	20/06/2017	2/02/2017	20/02/2017	27/02/2017	
Date Published	10/07/2017	7/06/2017	11/05/2017	14/08/2017	10/07/2017	10/07/2017	8/03/2017	8/03/2017	8/03/2017	
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					0.10	0.081				
Monitoring frequency requirement					Annually	Annually				
Date Tested					11/05/2017	9/05/2017				
Date Results Available					20/06/2017	20/06/2017				
Date Published					10/07/2017	10/07/2017				
Licence Limit, mg/m3					2.0	2.0				
Exceedance?					No	No				
Total PAH's, mg/m3					1.1	0.049				
Monitoring frequency requirement					Annually	Annually				
Date Tested					11/05/2017	9/05/2017				
Date Results Available					20/06/2017	20/06/2017				
Date Published					10/07/2017	10/07/2017				
Fluoride, kg F / t Al										0.42
Monitoring frequency requirement										Calculation at End of Licence Year
Date Results Available										31/10/2017
Date Published										9/11/2017
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 2016 - Oct 2017

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	7.6	32	25	18
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	30/08/2017	25/05/2017	24/05/2017	24/05/2017
Date Results Available	20/09/2017	20/09/2017	20/09/2017	20/09/2017
Date Published	11/10/2017	11/10/2017	11/10/2017	11/10/2017
Licence Limit, mg/m3	50	50	50	50
Exceedance?	No	No	No	No
Total PAH's, mg/m3	0.29	0.17	1.2	0.23
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	30/08/2017	25/05/2017	24/05/2017	24/05/2017
Date Results Available	20/09/2017	20/09/2017	20/09/2017	20/09/2017
Date Published	11/10/2017	11/10/2017	11/10/2017	11/10/2017
Licence Limit, mg/m3	2.0	2.0	2.0	2.0
Exceedance?	No	No	No	No
Benzo(a)pyrene, mg/m3	0.00018	0.00021	0.00029	0.00031
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	30/08/2017	25/05/2017	24/05/2017	24/05/2017
Date Results Available	20/09/2017	20/09/2017	20/09/2017	20/09/2017
Date Published	11/10/2017	11/10/2017	11/10/2017	11/10/2017
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 2016 - Oct 2017

EPA Monitoring Point	38	
Descriptor	Deline/Regain Spent Potliner Dust Filter	
	Total Solid Particles, mg/m3	Fine Particulates, mg/m3
	0.53	0.42
Monitoring frequency requirement	Annually	Annually
Date Tested	19/01/2017	19/01/2017
Date Results Available	27/01/2017	27/01/2017
Date Published	8/03/2017	8/03/2017
Licence Limit, mg/m3	20	10
Exceedance?	No	No

Notes:

mg/m3 = milligrams per cubic metre

NYA = Not Yet Available

Comments on exceedances: _____