

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 2019 - Oct 2020

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	6.4	9.2	6.6	10	14	3.0	18	19	8.7	
Monitoring frequency requirement	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	
Date Tested	24/06/2020	29/01/2020	8/05/2020	31/03/2020	30/04/2020	28/04/2020	29/11/2019	27/05/2020	24/08/2020	
Date Results Available	25/06/2020	4/02/2020	2/06/2020	1/04/2020	4/06/2020	4/06/2020	2/12/2019	29/05/2020	27/08/2020	
Date Published	10/07/2020	13/02/2020	9/06/2020	14/04/2020	12/06/2020	12/06/2020	12/12/2019	9/06/2020	9/09/2020	
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					0.15	0.14				
Monitoring frequency requirement					Annually	Annually				
Date Tested					29/04/2020	27/04/2020				
Date Results Available					4/06/2020	4/06/2020				
Date Published					12/06/2020	12/06/2020				
Licence Limit, g/m3					2.0	2.0				
Exceedance?					No	No				
Total PAH's, mg/m3					0.14	0.079				
Monitoring frequency requirement					Annually	Annually				
Date Tested					29/04/2020	27/04/2020				
Date Results Available					4/06/2020	4/06/2020				
Date Published					12/06/2020	12/06/2020				
Fluoride, kg F / t Al										
Monitoring frequency requirement										Calculation at End of Licence Year
Date Results Available										
Date Published										
Licence Limit, mg/m3										0.56**
Exceedance?										NYA

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 2019 - Oct 2020

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	NYA	NYA	12	13
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	NYA	NYA	23/07/2020	23/07/2020
Date Results Available	NYA	NYA	8/09/2020	8/09/2020
Date Published			9/09/2020	9/09/2020
Licence Limit, mg/m3	50	50	50	50
Exceedance?	NYA	NYA	No	No
Total PAH's, mg/m3	NYA	NYA	1.0	0.08
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	NYA	NYA	23/07/2020	23/07/2020
Date Results Available	NYA	NYA	8/09/2020	8/09/2020
Date Published			9/09/2020	9/09/2020
Licence Limit, mg/m3	2.0	2.0	2.0	2.0
Exceedance?	NYA	NYA	No	No
Benzo(a)pyrene, mg/m3	NYA	NYA	0.00007	<0.000022
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	NYA	NYA	23/07/2020	23/07/2020
Date Results Available	NYA	NYA	8/09/2020	8/09/2020
Date Published			9/09/2020	9/09/2020
Licence Limit, mg/m3	0.05	0.05	0.05	0.05
Exceedance?	No	NYA	No	No

Notes:

mg/m3 = milligrams per cubic metre

NYA = Not Yet Available

Comments on exceedances:

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Monitoring Period:

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EPA Monitoring Point	38	
Descriptor	Deline/Regain Spent Potliner Dust Filter	
	Total Solid Particles, mg/m3	Fine Particulates, mg/m3
	2.2	1.2
Monitoring frequency requirement	Annually	Annually
Date Tested	17/01/2020	17/01/2020
Date Results Available	23/01/2020	23/01/2020
Date Published	13/02/2020	13/02/2020
Licence Limit, mg/m3	20	10
Exceedance?	No	No

Notes:

mg/m3 = milligrams per cubic metre

NYA = Not Yet Available

Comments on exceedances: _____