

Licence # 6163

Full licence available at:

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

Tomago Aluminium Company Limited

638 Tomago Road, Tomago NSW 2322

Monitoring Period:

Nov 2020 - Oct 2021

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	NYA	8.3	NYA	NYA	NYA	NYA	11	NYA	NYA	
Monitoring frequency requirement	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	
Date Tested	NYA	14/12/2020	NYA	NYA	NYA	NYA	19/11/2020	NYA	NYA	
Date Results Available	NYA	6/01/2021	NYA	NYA	NYA	NYA	20/11/2020	NYA	NYA	
Date Published		13/01/2021					9/12/2020			
Licence Limit, mg/m3	50	50	50	50	50	50	50	50	50	
Exceedance?	NYA	No	NYA	NYA	NYA	NYA	No	NYA	NYA	
Nitrogen Oxides, g/m3					NYA	NYA				
Monitoring frequency requirement					Annually	Annually				
Date Tested					NYA	NYA				
Date Results Available					NYA	NYA				
Date Published										
Licence Limit, g/m3					2.0	2.0				
Exceedance?					NYA	NYA				
Total PAH's as Benzo(a)pyrene equivalent, mg/m3					NYA	NYA				
Monitoring frequency requirement					Annually	Annually				
Date Tested					NYA	NYA				
Date Results Available					NYA	NYA				
Date Published										
Licence Limit, mg/m3					0.005	0.005				
Exceedance?					NYA	NYA				
Fluoride, kg F / t Al										Calculation at End of Licence Year
Monitoring frequency requirement										
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 2020 - Oct 2021

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	2.0	2.5	16	7.9
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	18/02/2021	18/02/2021	19/02/2021	19/02/2021
Date Results Available	18/03/2021	18/03/2021	18/03/2021	18/03/2021
Date Published	19/03/2021	19/03/2021	19/03/2021	19/03/2021
Licence Limit, mg/m3	50	50	50	50
Exceedance?	No	No	No	No
Total PAH's as Benzo(a)pyrene equivalent, mg/m3	0.000024	0.00081	0.000030	0.00030
Monitoring frequency requirement	Annually	Annually	Annually	Annually
Date Tested	18/02/2021	18/02/2021	19/02/2021	19/02/2021
Date Results Available	18/03/2021	18/03/2021	18/03/2021	18/03/2021
Date Published	19/03/2021	19/03/2021	19/03/2021	19/03/2021
Licence Limit, mg/m3	0.005	0.005	0.005	0.005
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 2020 - Oct 2021

EPA Monitoring Point	38	
Descriptor	Deline/Regain Spent Potliner Dust Filter	
	Total Solid Particles, mg/m3	Fine Particulates, mg/m3
	1.4	1.9
Monitoring frequency requirement	Annually	Annually
Date Tested	19/11/2020	19/11/2020
Date Results Available	27/11/2020	27/11/2020
Date Published	9/12/2020	9/12/2020
Licence Limit, mg/m3	20	10
Exceedance?	No	No

Notes:

mg/m3 = milligrams per cubic metre

NYA = Not Yet Available

Comments on exceedances: _____