

Licence # 6163
 Full licence available at:
 Tomago Aluminium Company Limited
 638 Tomago Road, Tomago NSW 2322

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

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	6.0	8.3	20	8.8	3.8	16	11	4.7	9.6	
Monitoring frequency requirement	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually	
Date Tested	27/09/2021	14/12/2020	21/01/2021	31/03/2021	2/03/2021	3/03/2021	19/11/2020	30/08/2021	29/06/2021	
Date Results Available	29/09/2021	6/01/2021	13/04/2021	13/04/2021	12/04/2021	12/04/2021	20/11/2020	2/09/2021	1/07/2021	
Date Published	11/10/2021	13/01/2021	13/04/2021	13/04/2021	13/04/2021	13/04/2021	9/12/2020	13/09/2021	13/07/2021	
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					0.12	0.19				
Monitoring frequency requirement					Annually	Annually				
Date Tested					2/03/2021	3/03/2021				
Date Results Available					12/04/2021	12/04/2021				
Date Published					13/04/2021	13/04/2021				
Licence Limit, g/m3					2.0	2.0				
Exceedance?					No	No				
Total PAH's as Benzo(a)pyrene equivalent, mg/m3					0.00024	0.000035				
Monitoring frequency requirement					Annually	Annually				
Date Tested					2/03/2021	4/03/2021				
Date Results Available					12/04/2021	12/04/2021				
Date Published					13/04/2021	13/04/2021				
Licence Limit, mg/m3					0.005	0.005				
Exceedance?					No	No				
Fluoride, kg F / t Al										0.46
Monitoring frequency requirement										Calculation at End of Licence Year
Date Results Available										1/11/2021
Date Published										8/11/2021
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 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: _____