

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 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 |
| <b>Total Solid Particles, mg/m3</b>                    | NYA               | 8.3               | 20                | 8.8               | 3.8                 | 16                     | 11                | NYA               | NYA                      |  |
| Monitoring frequency requirement                       | Annually          | Annually          | Annually          | Annually          | Annually            | Annually               | Annually          | Annually          | Annually                 |  |
| Date Tested  | NYA               | 14/12/2020        | 21/01/2021        | 31/03/2021        | 2/03/2021           | 3/03/2021              | 19/11/2020        | NYA               | NYA                      |  |
| Date Results Available                                 | NYA               | 6/01/2021         | 13/04/2021        | 13/04/2021        | 12/04/2021          | 12/04/2021             | 20/11/2020        | NYA               | NYA                      |  |
| Date Published   |                   | 13/01/2021        | 13/04/2021        | 13/04/2021        | 13/04/2021          | 13/04/2021             | 9/12/2020         |                   |                          |  |
| Licence Limit, mg/m3                                   | 50                | 50                | 50                | 50                | 50                  | 50                     | 50                | 50                | 50                       |  |
| Exceedance?  | NYA               | No                | No                | No                | No                  | No                     | No                | NYA               | NYA                      |  |
| <b>Nitrogen Oxides, g/m3</b>                           |                   |                   |                   |                   | 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                     |                   |                   |                          |  |
| <b>Total PAH's as Benzo(a)pyrene equivalent, mg/m3</b> |                   |                   |                   |                   | 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                     |                   |                   |                          |  |
| <b>Fluoride, kg F / t Al</b>                           |                   |                   |                   |                   |                     |                        |                   |                   |                          | 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: \_\_\_\_\_

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                                   | 31                                       | 32   | 33                                       | 34   |
|--|--|--|--|--|
| Descriptor   | No.1 Paste Plant,<br>Pitch Circuit Stack | No.1 Paste Plant,<br>Proportioning Circuit Stack | No.2 Paste Plant,<br>Pitch Circuit Stack | No.2 Paste Plant,<br>Proportioning Circuit Stack |
| <b>Total Solid Particles, mg/m3</b>                    | 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   |
| <b>Total PAH's as Benzo(a)pyrene equivalent, mg/m3</b> | 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:

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 2020 - Oct 2021

|                                  |  |                                 |
|----------------------------------|--|---------------------------------|
| EPA Monitoring Point             | 38                                       |                                 |
| Descriptor                       | Deline/Regain Spent Potliner Dust Filter |                                 |
|                                  | <b>Total Solid Particles, mg/m3</b>      | <b>Fine Particulates, mg/m3</b> |
|                                  | 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: \_\_\_\_\_