

Gaseous Fluoride Continuous Emissions Monitoring Results - Mar 2016

Licensee: Weston Aluminium Pty Ltd

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EPL Licence #: 6423 (<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32164&SYSUID=1&LICID=6423>)

Sampling Period: Mar 2016

Date Obtained: 04 April 2016

Date Reported: 05 April 2016

| Hour | 12AM to 1AM | 1AM to 2AM | 2AM to 3AM | 3AM to 4AM | 4AM to 5AM | 5AM to 6AM | 6AM to 7AM | 7AM to 8AM | 8AM to 9AM | 9AM to 10AM | 10AM to 11AM | 11AM to 12PM | 12PM to 1PM | 1PM to 2PM | 2PM to 3PM | 3PM to 4PM | 4PM to 5PM | 5PM to 6PM | 6PM to 7PM | 7PM to 8PM | 8PM to 9PM | 9PM to 10PM | 10PM to 11PM | 11PM to 12AM |
|------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|--------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|--------------|
| Day | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0.32 | 0.38 | 0.32 | 0.22 | 0.49 | 0.62 | 0.43 | 0.57 | 0.48 | 0.55 | 0.56 | 0.57 | 0.62 | 0.56 | 0.48 | 0.58 | 0.49 | 0.57 | 0.53 | 0.57 | 0.55 | 0.58 | 0.53 | 0.54 |
| 2 | 0.45 | 0.57 | 0.44 | 0.57 | 0.43 | 0.50 | 0.37 | 0.56 | 0.34 | 0.55 | 0.36 | 0.57 | 0.59 | 0.69 | 0.65 | 0.71 | 0.77 | 0.67 | 0.66 | 0.70 | 0.66 | 0.74 | 0.67 | 0.66 |
| 3 | 0.64 | 0.70 | 0.62 | 0.63 | 0.18 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.11 | 0.69 | 0.69 | 0.55 | 0.80 | 0.50 | 0.63 | 0.48 | 0.57 | 0.55 | 0.57 | 0.53 | 0.58 |
| 4 | 0.49 | 0.55 | 0.52 | 0.57 | 0.25 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.07 | 0.51 | 0.42 | 0.37 | 0.56 | 0.43 | 0.55 | 0.56 | 0.57 | 0.02 | 0.01 | 0.02 | 0.01 |
| 5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 |
| 6 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.43 | 0.52 |
| 7 | 0.48 | 0.52 | 0.57 | 0.57 | 0.58 | 0.08 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.20 | 0.56 | 0.64 | 0.51 | 0.66 | 0.55 | 0.65 | 0.52 | 0.69 | 0.49 | 0.70 | 0.56 | 0.73 |
| 8 | 0.63 | 0.70 | 0.57 | 0.75 | 0.34 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 |
| 9 | 0.01 | 0.18 | 0.64 | 0.50 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 |
| 10 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 |
| 11 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.39 | 0.59 | 0.53 | 0.50 | 0.52 | 0.46 | 0.53 | 0.27 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 12 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 13 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.12 | 0.59 | 0.65 | 0.65 | 0.55 |
| 14 | 0.65 | 0.54 | 0.64 | 0.55 | 0.66 | 0.25 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.48 | 0.65 | 0.32 | 0.67 | 0.52 | 0.71 | 0.46 | 0.66 | 0.61 | 0.63 | 0.53 |
| 15 | 0.67 | 0.52 | 0.69 | 0.58 | 0.70 | 0.30 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.54 | 0.65 | 0.38 | 0.65 | 0.60 | 0.65 | 0.60 | 0.62 | 0.66 | 0.55 | 0.67 |
| 16 | 0.78 | 0.62 | 0.79 | 0.48 | 0.74 | 0.42 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.52 | 0.25 | 0.32 | 0.44 | 0.40 | 0.36 | 0.25 | 0.38 | 0.21 | 0.25 |
| 17 | 0.20 | 0.35 | 0.34 | 0.31 | 0.30 | 0.24 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.06 | 0.57 | 0.69 | 0.69 | 0.64 |
| 18 | 0.76 | 0.80 | 0.72 | 0.80 | 0.76 | 0.82 | 0.88 | 0.60 | 0.81 | 0.55 | 0.62 | 0.50 | 0.61 | 0.51 | 0.61 | 0.49 | 0.60 | 0.55 | 0.62 | 0.57 | 0.67 | 0.25 | 0.02 | 0.01 |
| 19 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.29 | 0.68 | 0.73 | 0.68 |
| 21 | 0.77 | 0.71 | 0.83 | 0.75 | 0.79 | 0.71 | 0.74 | 0.57 | 0.80 | 0.57 | 0.80 | 0.75 | 0.73 | 0.62 | 0.75 | 0.62 | 0.80 | 0.73 | 0.75 | 0.68 | 0.75 | 0.56 | 0.72 | 0.66 |
| 22 | 0.75 | 0.66 | 0.71 | 0.54 | 0.81 | 0.63 | 0.98 | 0.74 | 0.90 | 0.66 | 0.65 | 0.55 | 0.62 | 0.56 | 0.66 | 0.57 | 0.62 | 0.50 | 0.60 | 0.51 | 0.58 | 0.55 | 0.60 | 0.52 |
| 23 | 0.59 | 0.52 | 0.60 | 0.49 | 0.56 | 0.31 | 0.39 | 0.30 | 0.24 | 0.38 | 0.25 | 0.23 | 0.27 | 0.34 | 0.38 | 0.34 | 0.25 | 0.26 | 0.30 | 0.39 | 0.27 | 0.24 | 0.23 | 0.27 |
| 24 | 0.37 | 0.27 | 0.34 | 0.34 | 0.35 | 0.52 | 0.50 | 0.37 | 0.57 | 0.48 | 0.59 | 0.53 | 0.56 | 0.41 | 0.57 | 0.55 | 0.63 | 0.52 | 0.57 | 0.62 | 0.53 | 0.11 | 0.01 | 0.01 |
| 25 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 26 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 27 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 28 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.47 | 0.65 | 0.60 | 0.48 |
| 29 | 0.67 | 0.58 | 0.63 | 0.39 | 0.69 | 0.29 | 0.63 | 0.39 | 0.64 | 0.58 | 0.66 | 0.60 | 0.62 | 0.59 | 0.57 | 0.52 | 0.50 | 0.48 | 0.48 | 0.60 | 0.53 | 0.48 | 0.57 | 0.49 |
| 30 | 0.60 | 0.50 | 0.63 | 0.51 | 0.63 | 0.43 | 0.62 | 0.50 | 0.52 | 0.45 | 0.57 | 0.48 | 0.58 | 0.57 | 0.58 | 0.38 | 0.21 | 0.58 | 0.62 | 0.58 | 0.71 | 0.58 | 0.66 | 0.65 |
| 31 | 0.73 | 0.42 | 0.68 | 0.48 | 0.57 | 0.62 | 0.62 | 0.56 | 0.62 | 0.55 | 0.60 | 0.43 | 0.64 | 0.22 | 0.23 | 0.22 | 0.32 | 0.32 | 0.42 | 0.25 | 0.25 | 0.34 | 0.07 | 0.24 |

Note: All results are listed in mg/m³, EPL limit 1.4 mg/m³

Exceedances this period: none