

Southern Oil Refining Pty Ltd
 42 Lewington Street, Bomen, NSW 2650
 EPA License number 11408

| Air Emissions – Utilities Block Stack (Point Source 1) | | | | | | | | | |
|---|-------------------|----------------------------|----------------------|-------------------------|--------------------|------------|--------------|------------|----------------------|
| Pollutant | Unit of Measure | 100 percentile conc. limit | Monitoring frequency | No. of samples measured | Results March 2017 | | | | Exceedance (Y,N,N/A) |
| | | | | | Min. Value | Mean Value | Median Value | Max. Value | |
| Cadmium | g/m ³ | 0.0002 | Quarterly | 1 | <0.000001 | <0.000001 | <0.000001 | <0.000001 | N |
| Chlorine | g/m ³ | 0.2 | Quarterly | 1 | 0.00057 | 0.00057 | 0.00057 | 0.00057 | N |
| Mercury | g/m ³ | 0.0002 | Quarterly | 1 | 0.00000081 | 0.00000081 | 0.00000081 | 0.00000081 | N |
| Nitrogen Oxides | g/m ³ | 0.3 | Quarterly | 1 | 0.29 | 0.29 | 0.29 | 0.29 | N |
| Hydrogen Sulfide | g/m ³ | 0.005 | Quarterly | 1 | 0.000034 | 0.000034 | 0.000034 | 0.000034 | N |
| Dioxins & Furans | ng/m ³ | 0.1 | Yearly | 1 | | | | | N |
| Hydrogen Chloride | g/m ³ | 0.1 | Quarterly | 1 | 0.0046 | 0.0046 | 0.0046 | 0.0046 | N |
| Solid Particles (PM10) | g/m ³ | 0.05 | Quarterly | 1 | 0.049 | 0.049 | 0.049 | 0.049 | N |
| Sulfuric Acid Mist and/or Sulfur Trioxide | g/m ³ | 0.1 | Quarterly | 1 | 0.0033 | 0.0033 | 0.0033 | 0.0033 | N |
| Total Fluoride | g/m ³ | 0.05 | Quarterly | 1 | 0.001 | 0.001 | 0.001 | 0.001 | N |
| Hazardous Substances | g/m ³ | 0.001 | Quarterly | 1 | ≤0.000071 | ≤0.000071 | ≤0.000071 | ≤0.000071 | N |
| VOCs | g/m ³ | 0.04 | Quarterly | 1 | 0.000023 | 0.000023 | 0.000023 | 0.000023 | N |
| Temperature | K | N/A | Quarterly | 1 | 707 | 707 | 707 | 707 | N/A |
| Chromium | g/m ³ | N/A | Quarterly | 1 | 0.0000037 | 0.0000037 | 0.0000037 | 0.0000037 | N/A |
| Oxygen | % | N/A | Quarterly | 1 | 4.9 | 4.9 | 4.9 | 4.9 | N/A |
| Sulphur Dioxide | g/m ³ | N/A | Quarterly | 1 | 0.71 | 0.71 | 0.71 | 0.71 | N/A |
| Moisture Content | % | N/A | Quarterly | 1 | 20 | 20 | 20 | 20 | N/A |
| Carbon Monoxide | g/m ³ | N/A | Quarterly | 1 | 0.019 | 0.019 | 0.019 | 0.019 | N/A |
| P.A.H. | ng/m ³ | N/A | Quarterly | 1 | 2400 | 2400 | 2400 | 2400 | N/A |
| P.A.H. (BaP-TEQ) | ng/m ³ | N/A | Quarterly | 1 | 24 | 24 | 24 | 24 | N/A |
| Velocity | m/s | N/A | Quarterly | 1 | 18 | 18 | 18 | 18 | N/A |
| Volumetric Flowrate | m ³ /s | N/A | Quarterly | 1 | 4.8 | 4.8 | 4.8 | 4.8 | N/A |
| Dry Gas Density | kg/m ³ | N/A | Quarterly | 1 | 1.33 | 1.33 | 1.33 | 1.33 | N/A |
| Speciated Organic Compounds | g/m ³ | N/A | Quarterly | 1 | <0.000008 | <0.000008 | <0.000008 | <0.000008 | N/A |