

STACK MONITORING DATA

Bowral

2012-2013

<p><u>License Number:</u> 2073 <u>Licensee:</u> The Austral Brick Company Pty Ltd <u>Premises:</u> Bowral Brickworks, Kiama Street, Bowral NSW, 2576 Samples taken from EPA identification point 3.</p>		<p><u>Reduction Cycle</u> Date Sample Taken- 16/8/2012</p>	<p><u>Oxidation Cycle</u> Date Sample Taken- 22/06/2012</p>	<p><u>Reduction Cycle</u> Date Sample Taken- 21/04/2013</p>	<p><u>Oxidation Cycle</u> Date Sample Taken- 20/04/2013</p>
<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	13.33	3.43	12.9	6.71
Sulphur Dioxide	1000	101	66	120	66
Nitrogen Oxide	2000	110	130	160	93
Hydrogen Fluoride	50	14.5	21.9	33	21

2013-2014

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<u>Pollutant</u>	<u>Limits as per license</u> <u>(mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	7.48	5.05
Sulphur Dioxide	1000	99	73
Nitrogen Oxide	2000	150	82
Hydrogen Fluoride	50	20.6	19.4

2014-2015

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<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	8.3	9.2	14	8.7
Sulphur Dioxide	1000	11	25	17	0.11
Nitrogen Oxide	2000	54	25	14	35
Hydrogen Fluoride	50	14	15	0.58	2.8

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<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	9.7	5	12	10
Sulphur Dioxide	1000	110	83	9.2	73
Nitrogen Oxide	2000	130	88	31	56
Hydrogen Fluoride	50	32	22	4.6	13

2015-2016

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<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	12	10	6.5	30	12	4.1	4.7
Sulphur Dioxide	1000	28.2	85	15.04	46.11	11.22	6.97	6.67
Nitrogen Oxide	2000	31	56	18	23	54	41	56
Hydrogen Fluoride	50	4.6	13	1.5	15	45	27	4.5