

STACK MONITORING DATA

Punchbowl

2014-2015

<u>License Number:</u> 2240 <u>Licensee:</u> The Austral Brick Company Pty Ltd <u>Premises:</u> Punchbowl Brickworks, 62 Belmore Road, Punchbowl NSW 2196 Samples taken from EPA identification point 3.		Date Sample Taken- 18/3/15
<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	15
Sulphur Dioxide	Not Specified	5.7-20 (Avg. 14)
Nitrogen Oxide	350	53-110 (Avg. 89)
Hydrogen Fluoride	50	29
Odour	2500OU/m ³	4900 OU/m ³
Fine Particulates (PM₁₀)	Not Specified	12

2015-2016

<u>License Number:</u> 2240 <u>Licensee:</u> The Austral Brick Company Pty Ltd <u>Premises:</u> Punchbowl Brickworks, 62 Belmore Road, Punchbowl NSW 2196 Samples taken from EPA identification point 3.		Date Sample Taken- 30/11/2015	Date Sample Taken- 04/12/2015	Date Sample Taken- 11/02/2016 (LIME ADDITION)	Date Sample Taken- 15/02/2016	Date Sample Taken- 19/02/2016 (LIME ADDITION)	Date Sample Taken- 23/02/2016
<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	Concentration (mg/m ³)	Concentration (mg/m ³)	Concentration (mg/m ³)	Concentration (mg/m ³)	Concentration (mg/m ³)	Concentration (mg/m ³)
Total Solid Particles	100	4.8	2.5	5	16	9.7	6.5
Sulphur Dioxide	Not Specified	<5.4 – 5.7 (Avg. <5.4)	<5.4 – 5.7 (Avg. <5.4)	<3 – <3 (Avg. <3)	<5 – <5 (Avg. <5)	46 – 200 (Avg. 170)	<5 – 160 (Avg. 120)
Nitrogen Oxide	350	50 – 140 (Avg. 130)	62 – 150 (Avg. 140)	120 – 180 (Avg. 150)	120 – 170 (Avg. 140)	120 – 160 (Avg. 150)	110 – 130 (Avg. 120)
Hydrogen Fluoride	50	19	19	17	23	44	42
Fine Particulates (PM₁₀)	Not Specified	4.8	1.5	3.6	4	6.7	2

2016-2017

<u>License Number:</u> 2240 <u>Licensee:</u> The Austral Brick Company Pty Ltd <u>Premises:</u> Punchbowl Brickworks, 62 Belmore Road, Punchbowl NSW 2196 Samples taken from EPA identification point 3.		Date Sample Taken- 12/05/17
<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	<u>Concentration (mg/m³)</u>
Total Solid Particles	100	7.1
Sulphur Dioxide	Not Specified	250
Nitrogen Oxide	350	160
Hydrogen Fluoride	50	42
Fine Particulates (PM₁₀)	Not Specified	<3

2017-2018

<u>License Number:</u> 2240 <u>Licensee:</u> The Austral Brick Company Pty Ltd <u>Premises:</u> Punchbowl Brickworks, 62 Belmore Road, Punchbowl NSW 2196 Samples taken from EPA identification point 3.		Date Sample Taken- 06/10/2017	Date Sample Taken- 09/03/2017	Date Sample Taken- 06/06/2018	Date Sample Taken- 07/06/2018
<u>Pollutant</u>	<u>Limits as per license (mg/m³)</u>	Concentration (mg/m ³)	Concentration (mg/m ³)	Concentration (mg/m ³)	Concentration (mg/m ³)
Total Solid Particles	100	14	6.6	8	3.8
Sulphur Dioxide	Not Specified	6.5	210	97	40
Nitrogen Oxide	350	110	130	100	91
Hydrogen Fluoride	50	22	49	40	41
Fine Particulates (PM₁₀)	Not Specified	3.1	3	3.6	2.9