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**BLUESCOPE STEEL (AIS) PTY. LTD.**  
**Port Kembla Steelworks**  
**Licence 6092**

[Link to Environment Protection Licence EPL6092](#)

**SINTER MACHINE BYPASS MONITORING**  
**INTERIM SUMMARY REPORT**

for

**23 May 2018 to 28 May 2018**

Monthly (May 2018) Report Published: 15, June, 2018

## Stack Air Monitoring Requirements EPL Condition E4



**Point 151:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during bypass	Min. Value	Max Value	100 Percentile Limit	Exceedance (yes / no) *
Carbon Dioxide	Percent	Weekly	117	1.7	8.2		no
Dry Gas Density	Kilograms per cubic metre	Daily during testing	135	1.32	1.34		no
Moisture	Percent	Daily during testing	135	13	15		no
Molecular Weight of stack gases	grams per gram mole	Daily during testing	135	29.6	30		no
Nitrogen Oxides	Milligrams per cubic metre	Weekly	117	74	500	2,000.00	no
Oxygen (O2)	Percent	Daily during testing	117	15	19		no
Solid Particles *	Milligrams per cubic metre	Weekly	17	4.6	28 ^	20.00	yes
Sulfuric acid mist and sulphur trioxide (as SO3)	Milligrams per cubic metre	Weekly	1	9.9	9.9	100.00	no
Sulphur Dioxide - UV	Milligrams per cubic metre	Weekly	117	138	346	1,000.00	no
Temperature	Degrees Celcius	Daily during testing	135	154	167		no
Type 1 substance	Milligrams per cubic metre	Weekly	1	0.074	0.074		no
Type 2 substance	Milligrams per cubic metre	Weekly	1	0.083	0.083		no
Velocity	Metres per second	Daily during testing	135	22	26		no
Volumetric flowrate	Cubic metres per second	Daily during testing	135	210	240		no

**Comment:** \* Solid Particle results are a combination of single point indicative testing and licence compliance testing

^ There was 1 licence non-compliance (28 mg / Nm3)

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during bypass	Min. Value	Mean Value	Median Value	Max Value
Solid Particles	Milligrams per cubic metre	Continuous	Continuous	0.6	11.9	8.1	50.0

**Comment:**



## Ambient Air Monitoring Requirements

EPL6092 Condition M2.2/M2.3/O4.14,O4.15 (Cont.)

**Point 141: Receiver 1 (located south of licensed site)**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during bypass	Min. Value	Mean Value	Median Value	Max Value
Solid Particles	Milligrams per cubic metre	Continuous	Continuous	14	23	21	32
<b>Comment:</b>							

**Point 152: Receiver 2 (located north of licensed site)**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during bypass	Min. Value	Mean Value	Median Value	Max Value
Solid Particles	Milligrams per cubic metre	Continuous	Continuous	21	28	30	32
<b>Comment:</b>							