



Bluescope Steel (AIS) Pty Ltd  
ABN 19 000 019625  
Port Kembla Steelworks  
Five Islands Road  
Port Kembla 2505  
PO Box 1854  
Wollongong NSW 2500

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

[Link to Environment Protection Licence EPL6092](#)

**LICENCE MONITORING DATA**  
**ANNUAL SUMMARY REPORT**

for period

**1 Jul 2017 to 30 Jun 2018**

Annual (Jul 2017 - Jun 2018) Report Published: 28, August, 2018

## Stack Air Monitoring Requirements

EPL6092 Conditions L2.4/M2.2/M2.3/M8.2/E1.4





**Point 107:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Mean Value	Median Value	Max. Value
Benzene	Tonnes/annum	Annually	2	3.53	3.62	3.62	3.71
Benzo (a) pyrene	Tonnes/annum	Annually	2	0.000105	0.000129	0.000129	0.000153
Fine Particulates	Tonnes/annum	Annually	8	15.78	20.93	20.88	26.93
Nitrogen Oxides	Tonnes/annum	Annually	113	1838.4	2679.2	2548.0	4258.7
Sulphur Dioxide - UV	Tonnes/annum	Annually	113	111.42	788.45	729.29	2295.92
Course Particulates	Tonnes/annum	Annually	7	37.42	59.48	48.14	104.92
Volatile Organic Compounds	Tonnes/annum	Annually	2	0.539	0.734	0.734	0.928
<b>Comment:</b>							

**Point 107**

Pollutant	Unit of Measure	Monitoring frequency required by licence	No. of times measured during year	Annual Mass Load	Total Mass Limit
Total Solid Particles	Tonnes/annum	Annually	1	56	240



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## **Ambient Air Monitoring Requirements**

EPL6092 Condition O4.14



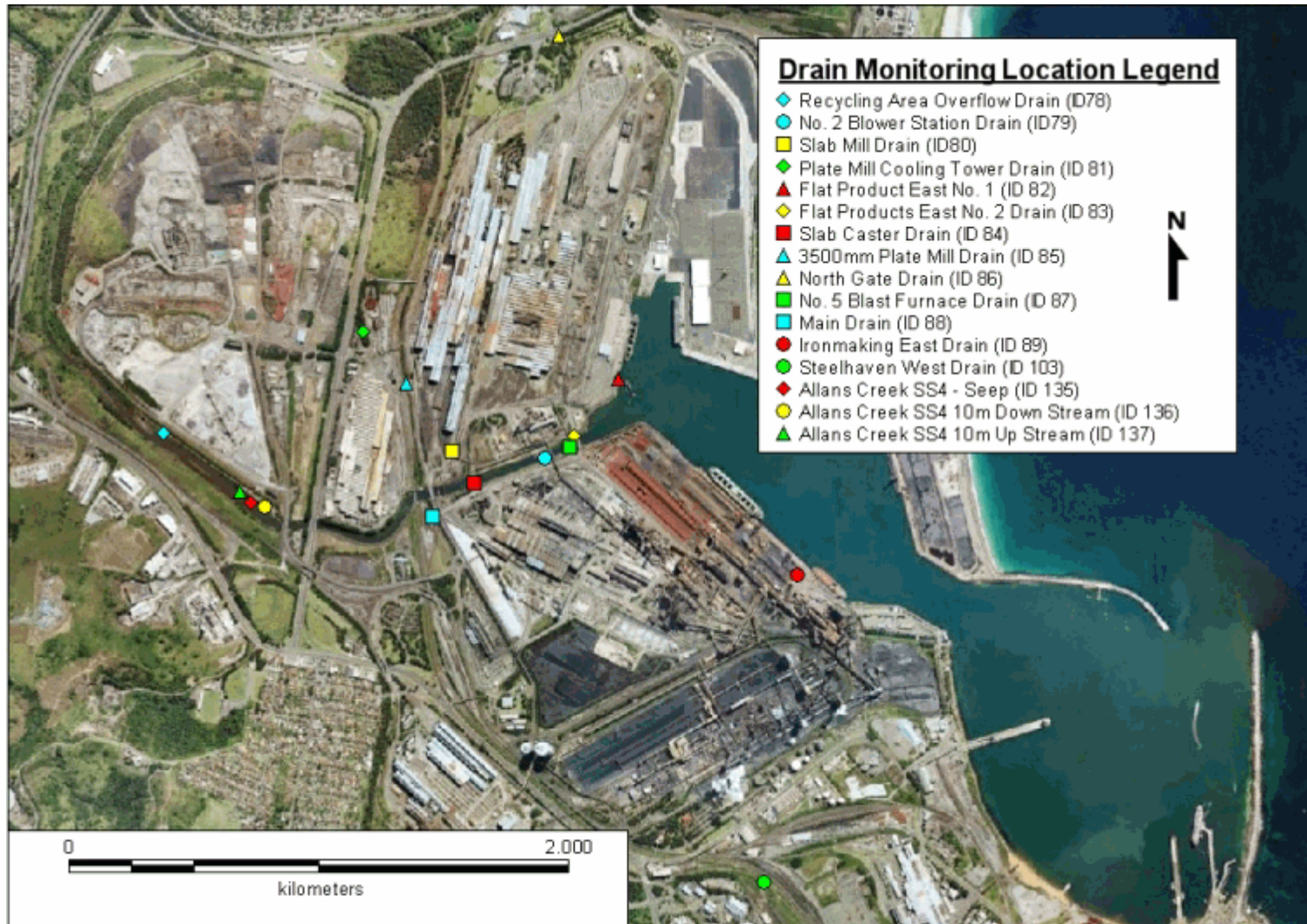
**O4.13**

Pollutant	Monitoring frequency required by licence	No. of significant emissions measured during year	100 Percentile Limit	Exceedance (yes/no) *
Emission - KISH Tipping DER 5	Annually	0	30	no
<b>Comment:</b>				



## Water and/or Land Monitoring Requirements

EPL6092 Condition M2.5/M2.6/M8.1/M8.3





**Point 79:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Ammonia	Milligrams per litre	Every 8 days	63	<0.06	<0.06	<0.06	1.5	no
Cyanide	Milligrams per litre	Every 8 days	63	<0.02	0.0260	<0.02	0.05	no
Filtrable Iron	Milligrams per litre	Every 8 days	57	<0.01	0.017	<0.01	0.1	no
Oil and Grease	Milligrams per litre	Every 8 days	57	<5	<5	<5	10	no
Temperature	Degrees Celcius	Every 8 days	55	20	33	30.6	35	no
Total Iron	Milligrams per litre	Every 8 days	57	0.06	0.68	0.352	1.0	no
Total Suspended Solids	Milligrams per litre	Every 8 days	58	<3	23	19.00	30	no
Total Zinc	Milligrams per litre	Every 8 days	57	<0.05	0.52	<0.05	1.0	no

**Comment:**



**Point 85:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Oil and Grease	Milligrams per litre	24/year. Min 15 days apart	25	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	25	18	28	25	30	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	25	<3	21	17.2	30	no

**Comment:**





**Point 87:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	50 Percentile Value	50 Percentile Limit	Exceedance (yes/no) *
Lead	Milligrams per litre	Every 8 days	57	<0.02	0.02	<0.02	0.05	no

**Comment:**



**Point 87:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Ammonia	Milligrams per litre	Every 8 days	63	<0.06	0.92	<0.06	7.5	no
Cyanide	Milligrams per litre	Every 8 days	63	<0.02	<0.02	<0.02	0.2	no
Filtrable Iron	Milligrams per litre	Every 8 days	57	<0.01	0.1300	<0.01	0.7	no
Lead	Milligrams per litre	Every 8 days	57	<0.02	0.02	<0.02	0.3	no
Temperature	Degrees Celcius	Every 8 days	57	16	25	24	35	no
Total Iron	Milligrams per litre	Every 8 days	57	0.08	8.40	0.40	3	no
Total Suspended Solids	Milligrams per litre	Every 8 days	57	3	94	16.4	30	no

**Comment:**



**Point 88:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	50 Percentile Value	50 Percentile Limit	Exceedance (yes/no) *
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	35	<3	22	8	45	no

**Comment:**



**Point 88:**

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Min. Value	Max. Value	90 Percentile Value	90 Percentile Limit	Exceedance (yes/no) *
Ammonia	Milligrams per litre	24/year. Min 15 days apart	36	<0.06	0.20	<0.06	4.0	no
Cyanide	Milligrams per litre	24/year. Min 15 days apart	35	<0.02	<0.02	<0.02	0.1	no
Oil and Grease	Milligrams per litre	24/year. Min 15 days apart	36	<5	<5	<5	10	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	35	15	26	23	35	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	35	<3	22	15	70	no
Total Zinc	Milligrams per litre	24/year. Min 15 days apart	35	<0.05	0.08	<0.05	1.0	no

**Comment:**