



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 Apr 2013 to 31 Mar 2014

Annual (Apr 2013 - Mar 2014) Report Published: 13, May, 2014

Stack Air Monitoring Requirements

EPL6092 Conditions M2.2/M2.3/8.2/E1.4



Point 107:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Annual Load
Benzene	Tonnes/annum	Annually	1	5.2
Benzo (a) pyrene	Tonnes/annum	Annually	1	0.00054
Fine Particulates	Tonnes/annum	Annually	1	18.8
Nitrogen Oxides	Tonnes/annum	Annually	1	2,522
Sulphur Dioxide - UV	Tonnes/annum	Annually	1	615.6
Volatile organic compounds	Tonnes/annum	Annually	1	0.82
Coarse Particulates	Tonnes/annum	Annually	1	49.6
Comment:				



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

Ambient Air Monitoring Requirements

EPL6092 Condition M2.2/M2.3/O4.11/O4.13/O4.14 (Cont.)

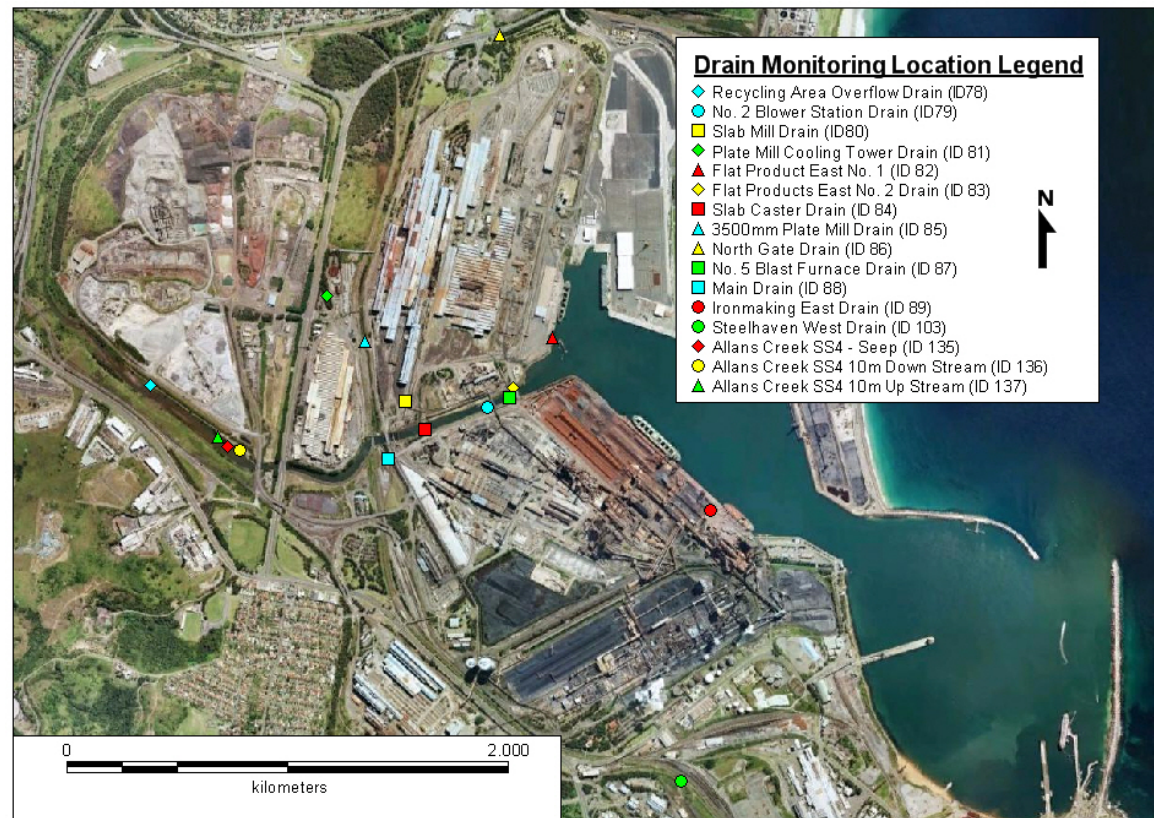


O4.13

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
Comment:				

Water and/or Land Monitoring Requirements

EPL6092 Condition M2.4/M2.5/M8.1/8.3



Point 89:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Annual Load
Total suspended Solids	Tonnes/annum	Annually	1	37.3
Total Zinc	Tonnes/annum	Annually	1	0.24
Comment:				



Point 79:

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) *
BOD	Milligrams per litre	Every 8 days*	12*	<2	4.00	<2	5.00	no
Cadmium	Milligrams per litre	Every 8 days*	17*	<0.005	<0.005	<0.005	0.010	no

Comment: * The requirement to monitor BOD and Cadmium at this point has been removed from the licence.

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	47.00	<0.06	0.9000	0.5000	1.5000	no
BOD	Milligrams per litre	Every 8 days*	12.00*	<2	4.00	<2	10.00	no
Cadmium	Milligrams per litre	Every 8 days*	17.00*	<0.005	<0.005	<0.005	0.020	no
Cyanide	Milligrams per litre	Every 4 days	58.00	<0.005	0.0450	0.0140	0.0500	no
Filtrable Iron	Milligrams per litre	Every 8 days	47.00	<0.01	0.0120	<0.01	0.1000	no
Lead	Milligrams per litre	Every 8 days*	17.00*	<0.02	<0.02	<0.02	0.050	no
Oil and Grease	Milligrams per litre	Every 8 days	47.00	<5	<5	<5	10.0000	no
Temperature	Degrees Celcius	Every 8 days	47.00	19.00	31.00	29.00	35.00	no
Total Iron	Milligrams per litre	Every 8 days	47.00	0.0610	2.1400	0.2958	1.0000	no
Total Suspended Solids	Milligrams per litre	Every 8 days	47.00	<2	28.00	18.00	30.00	no
Total Zinc	Milligrams per litre	Every 8 days	47.00	<0.05	0.1400	0.0350	1.0000	no

Comment:* The requirement to monitor BOD, Cadmium and Lead at this point has been removed from the licence.



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	25.00	<5	<5	<5	10.0000	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	25.00	18.00	26.00	24.60	30.00	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	25.00	<2	20.00	16.00	30.00	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	48	<0.02	0.120	<0.02	0.050	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	48.00	<0.06	15.8200	0.7750	7.5000	no
Cadmium	Milligrams per litre	Every 8 days*	18.00*	<0.005	<0.005	<0.005	0.100	no
Chromium (Total)	Milligrams per litre	Every 8 days*	18.00*	<0.01	0.010	<0.01	0.200	no
Cyanide	Milligrams per litre	Every 8 days	51.00	<0.005	0.3100	0.0160	0.2000	no
Filtrable Iron	Milligrams per litre	Every 8 days	48.00	<0.01	0.0330	0.0149	0.7000	no
Lead	Milligrams per litre	Every 8 days	48.00	<0.02	0.120	<0.02	0.300	no
Oil and Grease	Milligrams per litre	Every 8 days*	19.00*	<5	<5	<5	10.0000	no
Temperature	Degrees Celcius	Every 8 days	48.00	11.00	28.00	24.30	35.00	no
Total Iron	Milligrams per litre	Every 8 days	48.00	0.0360	25.5700	1.41	3.0000	no**
Total Suspended Solids	Milligrams per litre	Every 8 days	48.00	<2	200.00	23.80	30.00	no
Comment:* The requirement to monitor Total Chromium, Cadmium and Oil and Grease at this point has been removed from the licence. **Wet weather limits apply to 3 measurements.								



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) *
Cadmium	Milligrams per litre	Every 8 days*	15*	<0.005	<0.005	<0.005	0.010	no
Total Suspended Solids	Milligrams per litre	Every 4 days**	56**	<2	52.00	7.80	45.00	no
Comment:* The requirement to monitor Cadmium at this point has been removed from the licence. ** The required frequency of monitoring TSS changed from every 4 days to 8 days in the licence.								

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	Every 4 days**	56.00**	<0.06	0.2800	0.1400	4.0000	no
Cadmium	Milligrams per litre	Every 8 days*	15.00*	<0.005	<0.005	<0.005	0.020	no
Cyanide	Milligrams per litre	Every 4 days**	56.00**	<0.005	0.0210	0.0065	0.1000	no
Lead	Milligrams per litre	Every 8 days*	15.00*	<0.02	<0.02	<0.02	0.050	no
Oil and Grease	Milligrams per litre	Every 8 days	45.00	<5	7.0000	<5	10.0000	no
Phenol	Milligrams per litre	Every 8 days	45.00	<0.005	0.0100	0.0060	0.1500	no
Temperature	Degrees Celcius	Every 8 days	45.00	17.00	35.00	31.00	35.00	no
Total Suspended Solids	Milligrams per litre	Every 4 days**	56.00**	<2	52.00	15.00	70.00	no
Total Zinc	Milligrams per litre	Every 8 days	45.00	<0.05	0.0700	<0.05	1.0000	no

Comment: *The requirement to monitor Cadmium & Lead at this point has been removed from the licence. **The required frequency of monitoring Ammonia, Cyanide & TSS changed from every 4 days to 8 days in the licence.

Point 89:

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) *
Ammonia	Milligrams per litre	Every 4 days**	56**	<0.06	4.6900	0.3750	3.0000	no
Cadmium	Milligrams per litre	Every 8 days	15*	<0.005	<0.005	<0.005	0.010	no
Cyanide	Milligrams per litre	Every 4 days**	56**	<0.005	0.0220	<0.005	0.0800	no
Lead	Milligrams per litre	Every 8 days	15*	<0.02	0.026	<0.02	0.050	no

Comment:*The requirement to monitor Cadmium and Lead at this point has been removed from the licence.**The required frequency of monitoring Ammonia & Cyanide changed from every 4 days to 8 days in the licence.

Point 89:

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 4 days**	56.00**	<0.06	4.6900	1.1600	5.0000	no
Cadmium	Milligrams per litre	Every 8 days*	15.00*	<0.005	<0.005	<0.005	0.020	no
Cyanide	Milligrams per litre	Every 4 days**	56.00**	<0.005	0.0220	0.0140	0.1500	no
Filtrable Iron	Milligrams per litre	Every 8 days	45.00	<0.01	0.0410	0.0322	0.1000	no
Lead	Milligrams per litre	Every 8 days*	15.00*	<0.02	0.026	<0.02	0.100	no
Oil and Grease	Milligrams per litre	Every 8 days*	21.00*	<5	<5	<5	10.0000	no
Temperature	Degrees Celcius	Every 8 days	45.00	11.00	26.00	24.00	40.00	no
Total Iron	Milligrams per litre	Every 8 days	45.00	0.1340	4.6900	1.2380	3.0000	no
Total Zinc	Milligrams per litre	Every 8 days	45.00	<0.05	0.6120	0.1364	1.0000	no

Comment:*The requirement to monitor Cadmium, Lead & Oil and Grease at this point has been removed from the licence.**The required frequency of monitoring Ammonia & Cyanide changed from every 4 days to 8 days in the licence.