



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

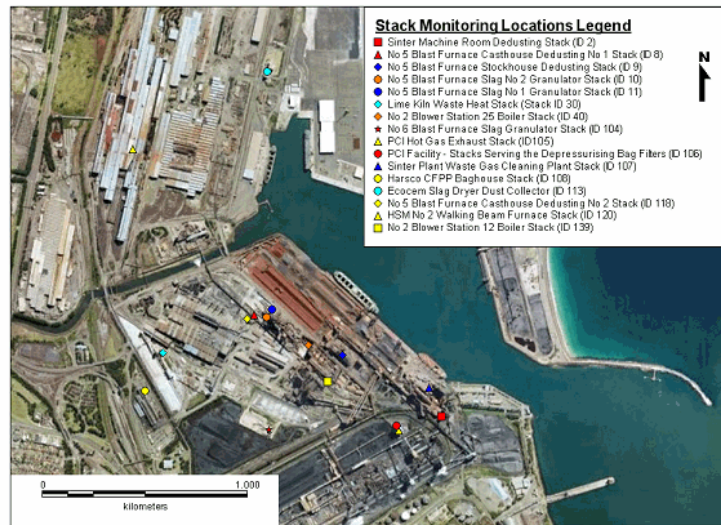
for period

1 Jul 2015 to 30 Jun 2016

Annual (Jul 2015 - Jun 2016) Report Published: 16, August, 2016

Stack Air Monitoring Requirements

EPL6092 Conditions M2.2/M2.3/8.2





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	2.0	2.2	2.2	2.3
Benzo (a) pyrene	Tonnes/annum	Annually	2	0.0	0.000016	0.000016	0.00032
Fine Particulates	Tonnes/annum	Annually	8	13.7	30.2	27.3	52.4
Nitrogen Oxides	Tonnes/annum	Annually	96	310	2,796	2,948	3,981
Sulphur Dioxide - UV	Tonnes/annum	Annually	96	635	1,741	1,271	4,575
Volatile organic compounds	Tonnes/annum	Annually	2	0.29	0.32	0.32	0.35
Coarse Particulates	Tonnes/annum	Annually	8	9.4	27.0	21.7	55.7
Comment:							



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Ambient Air Monitoring Requirements

EPL6092 Condition O4.14

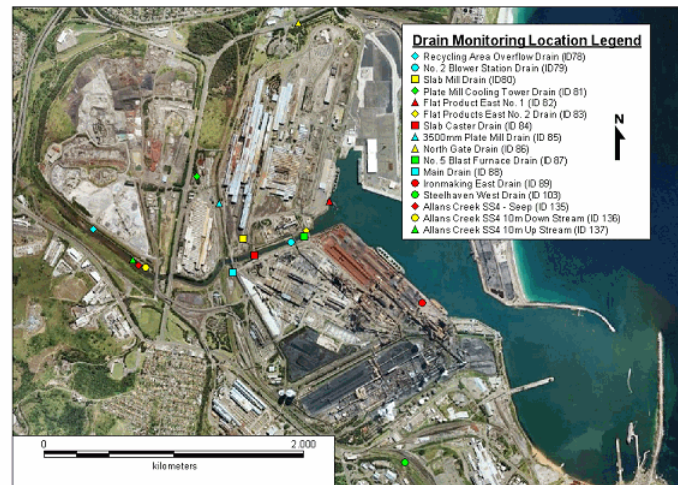


O4.14

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	1	30	no
Comment:				

Water and/or Land Monitoring Requirements

EPL6092 Condition M2.5/M8.1/8.3





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	52.00	<0.06	0.5900	<0.06	1.5000	no
Cyanide	Milligrams per litre	Every 8 days	59.00	<0.02	0.0200	<0.02	0.0500	no
Filtrable Iron	Milligrams per litre	Every 8 days	52.00	<0.01	0.0900	0.0113	0.1000	no
Oil and Grease	Milligrams per litre	Every 8 days	52.00	<5	<5	<5	10.0000	no
Temperature	Degrees Celcius	Every 8 days	51.00	21.40	31.50	30.40	35.00	no
Total Iron	Milligrams per litre	Every 8 days	52.00	0.0380	0.6500	0.3974	1.0000	no
Total Suspended Solids	Milligrams per litre	Every 8 days	52.00	<3	21.00	18.00	30.00	no
Total Zinc	Milligrams per litre	Every 8 days	52.00	<0.05	0.0900	<0.05	1.0000	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	24.00	<5	<5	<5	10.0000	no
Temperature	Degrees Celcius	24/year. Min 15 days apart	24.00	17.40	26.50	26.20	30.00	no
Total Suspended Solids	Milligrams per litre	24/year. Min 15 days apart	24.00	<3	23.00	20.10	30.00	no
Comment:								



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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	47	<0.02	0.030	<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	47.00	<0.06	<0.06	<0.06	7.5000	no
Cyanide	Milligrams per litre	Every 8 days	47.00	<0.02	<0.02	<0.02	0.2000	no
Filtrable Iron	Milligrams per litre	Every 8 days	47.00	<0.01	0.0500	<0.01	0.7000	no
Lead	Milligrams per litre	Every 8 days	47.00	<0.02	0.030	<0.02	0.300	no
Temperature	Degrees Celcius	Every 8 days	47.00	16.40	25.50	24.50	35.00	no
Total Iron	Milligrams per litre	Every 8 days	47.00	0.0560	10.5000	0.3342	3.0000	no
Total Suspended Solids	Milligrams per litre	Every 8 days	47.00	<3	72.00	18.40	30.00	no

Comment:



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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	Every 8 days	47	<3	30.00	5.60	45.00	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	Every 8 days	47.00	<0.06	0.6300	<0.06	4.0000	no
Cyanide	Milligrams per litre	Every 8 days	47.00	<0.02	<0.02	<0.02	0.1000	no
Oil and Grease	Milligrams per litre	Every 8 days	47.00	<5	<5	<5	10.0000	no
Phenol	Milligrams per litre	Every 8 days	47.00	<0.2	<0.2	<0.2	0.1500	no
Temperature	Degrees Celcius	Every 8 days	47.00	15.40	26.50	24.50	35.00	no
Total Suspended Solids	Milligrams per litre	Every 8 days	47.00	<3	30.00	19.00	70.00	no
Total Zinc	Milligrams per litre	Every 8 days	47.00	<0.05	0.5170	0.1040	1.0000	no

Comment:



Point 89:

Pollutant	Units of Measure	Monitoring frequency required by licence	No. of times measured during year	Load
Total Suspended Solids	Tonnes/annum	Annually	1	30.6
Zinc	Tonnes/annum	Annually	1	0.13

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 8 days	74	<0.06	1.7000	<0.06	3.0000	no
Cyanide	Milligrams per litre	Every 8 days	87	<0.02	0.0950	<0.02	0.0800	no

Comment:



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 8 days	74.00	<0.06	1.7000	<0.06	5.0000	no
Cyanide	Milligrams per litre	Every 8 days	87.00	<0.02	0.0950	<0.02	0.1500	no
Filtrable Iron	Milligrams per litre	Every 8 days	74.00	<0.01	0.0560	0.0300	0.1000	no
Temperature	Degrees Celcius	Every 8 days	70.00	13.40	27.50	25.59	40.00	no
Total Iron	Milligrams per litre	Every 8 days	74.00	0.1550	5.5800	2.2399	3.0000	no
Total Zinc	Milligrams per litre	Every 8 days	74.00	<0.05	0.8470	0.1980	1.0000	no
Comment:								