



Licensee: **Koppers Carbon Materials and Chemicals Pty Ltd**

Address: **Woodstock Street, Mayfield North, NSW, 2304**

EPL No.: **2156**

Testing Round: **2023 Q4**

Date Results Obtained: **9/08/2023**

Frequency of Monitoring as Required by Licence: **Three and Six Monthly**

Parameter	Units	Frequency	EPL Point 9A	EPL Point 9B	EPL Point 10	EPL Point 11	EPL Point 12	EPL Point 13	EPL Point 15
Stack ID			Boiler 1	Boiler 2	Creosote Reboiler	Tar Reboiler	Naphthalene Reboiler	HTF 2	HTF 1
Benzene	mg/m ³	6 months	N/A	N/A	<0.036	<0.036	<0.036	6.4800	<0.035
Hydrogen Sulphide	mg/m ³	6 months	N/A	N/A	<1.84	<1.8	<1.78	<1.77	<1.81
Naphthalene	mg/m ³	6 months	N/A	N/A	0.00719	0.00792	0.00579	0.129	0.0125
Polycyclic Aromatic Hydrocarbons	mg/m ³	6 months	N/A	N/A	0.0083	0.0095	0.0065	0.1567	0.0177
Volatile Organic Compounds	mg/m ³	6 months	N/A	N/A	1.428	1.413	1.413	7.846	1.3865
Volatile Organic Compounds as n-propane equivalent	mg/m ³	6 months	N/A	N/A	0.629	0.623	0.623	4.256	0.612
Temperature	°C	6 months	176	170	517	319	489	330	258
Velocity	m/s	6 months	3.00	2.96	16.20	7.6	15.5	6.43	4.64
Volumetric Flowrate	m ³ /s	6 months	0.91	0.93	1.93	1.22	1.93	0.66	0.53

Parameter	Units	Frequency	EPL Point 9A	EPL Point 9B	EPL Point 12	EPL Point 13	EPL Point 15
Stack ID			Boiler 1	Boiler 2	Naphthalene Reboiler	HTF 2	HTF 1
Nitrogen Oxides	mg/m ³	6 months	117 (500)	119 (500)	1035 (2000)	287 (2000)	202 (2000)
Sulphur Dioxide	mg/m ³	6 months	<2.03	<2.27	572	5.2	<2.4
Sulphur Trioxide	mg/m ³	6 months	<2.45 (100)	<2.38 (100)	53.6 (100)	9.56 (100)	<2.89 (100)
Total Solid Particles	mg/m ³	6 months	<3.27 (100)	<3.17 (100)	13.7 (100)	3.7 (100)	6.86 (100)

Parameter	Units	Frequency	EPL Point 10	EPL Point 11
Stack ID			Creosote Reboiler	Tar Reboiler
Nitrogen Oxides	mg/m ³	6 months	922 (2000)	1033 (2000)
Sulphur Dioxide	mg/m ³	3 months	532	292
Sulphur Trioxide	mg/m ³	3 months	36.7 (100)	15.7 (100)
Total Solid Particles	mg/m ³	6 months	43.6 (100)	26.8 (100)

Note: EPL limits in Paranthesis.

Comments

All results are within Environmental Protection Licence limits.

Link to Environmental Protection Licence

<https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=246742&SYSUID=1&LICID=2156>