



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

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

EPL No.: **2156**

Testing Round: **2023 Q2**

Date Results Obtained: **09/01/2023**

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	<0.037	<0.0367	<0.037	<0.0363	<0.358
Hydrogen Sulphide	mg/m ³	6 months	N/A	N/A	<1.85	<1.84	<1.85	<1.82	<1.83
Naphthalene	mg/m ³	6 months	N/A	N/A	<0.00676	0.00145	0.00161	0.00147	1.46
Polycyclic Aromatic Hydrocarbons	mg/m ³	6 months	N/A	N/A	0.0054	0.0024	0.0036	0.0040	0.0032
Volatile Organic Compounds	mg/m ³	6 months	N/A	N/A	1.489	1.487	1.459	1.472	1.458
Volatile Organic Compounds as n-propane equivalent	mg/m ³	6 months	N/A	N/A	0.677	0.676	0.664	0.670	0.664
Temperature	°C	6 months	178	161	469	311	478	352	259
Velocity	m/s	6 months	9.94	8.72	18.10	10.94	17.8	4.1	5.99
Volumetric Flowrate	m ³ /s	6 months	2.92	2.67	2.28	1.73	2.20	0.396	0.68

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	114 (500)	137 (500)	855 (2000)	249 (2000)	196 (2000)
Sulphur Dioxide	mg/m ³	6 months	5.59	1.89	540	5.46	1.08
Sulphur Trioxide	mg/m ³	6 months	1.17 (100)	1.69 (100)	79.3 (100)	4.57 (100)	0.49 (100)
Total Solid Particles	mg/m ³	6 months	4.22 (100)	<3.08 (100)	7.95 (100)	22 (100)	4.42 (100)

Parameter	Units	Frequency	EPL Point 10	EPL Point 11
Stack ID			Creosote Reboiler	Tar Reboiler
Nitrogen Oxides	mg/m ³	6 months	800 (2000)	708 (2000)
Sulphur Dioxide	mg/m ³	3 months	547	375
Sulphur Trioxide	mg/m ³	3 months	19.4 (100)	15 (100)
Total Solid Particles	mg/m ³	6 months	15.6 (100)	26 (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>