



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

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

EPL No.: **2156**

Testing Round: **2024 Q2**

Date Results Obtained: **29/02/2024**

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 <sup>3</sup>	6 months	N/A	N/A	<0.0366	<0.0374	<0.0367	1.3400	<0.0362
Hydrogen Sulphide	mg/m <sup>3</sup>	6 months	N/A	N/A	<1.85	<0.19	0.222	<0.187	<0.181
Naphthalene	mg/m <sup>3</sup>	6 months	N/A	N/A	0.00197	0.00387	0.00129	0.0764	0.0124
Polycyclic Aromatic Hydrocarbons	mg/m <sup>3</sup>	6 months	N/A	N/A	0.0033	0.0066	0.0040	0.0923	0.0252
Volatile Organic Compounds	mg/m <sup>3</sup>	6 months	N/A	N/A	2.132	1.700	1.476	3.198	16.4773
Volatile Organic Compounds as n-propane equivalent	mg/m <sup>3</sup>	6 months	N/A	N/A	0.913	0.785	0.673	1.621	8.336
Temperature	°C	6 months	173	169	474	305	411	326	263
Velocity	m/s	6 months	9.69	9.28	11.90	8.58	9.11	5.52	4.55
Volumetric Flowrate	m <sup>3</sup> /s	6 months	3.02	2.82	1.47	0.75	1.25	0.597	0.52

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 <sup>3</sup>	6 months	126 (500)	143 (500)	790 (2000)	253 (2000)	190 (2000)
Sulphur Dioxide	mg/m <sup>3</sup>	6 months	<1.31	2.72	785	18.3	<2.04
Sulphur Trioxide	mg/m <sup>3</sup>	6 months	2.41 (100)	3.77 (100)	27.4 (100)	7.94 (100)	2.32 (100)
Total Solid Particles	mg/m <sup>3</sup>	6 months	19.7 (100)	<2.52 (100)	4.79 (100)	7.73 (100)	6.3 (100)

Parameter	Units	Frequency	EPL Point 10	EPL Point 11
Stack ID			Creosote Reboiler	Tar Reboiler
Nitrogen Oxides	mg/m <sup>3</sup>	6 months	808 (2000)	902 (2000)
Sulphur Dioxide	mg/m <sup>3</sup>	3 months	337	251
Sulphur Trioxide	mg/m <sup>3</sup>	3 months	17.6 (100)	11.5 (100)
Total Solid Particles	mg/m <sup>3</sup>	6 months	2.77 (100)	4.25 (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>