

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

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

EPL No.: **2156**

Testing Round: **2025 Q2**

Date Results Obtained: **17/12/2024**

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 ³	6 months	N/A	N/A	<0.024	<0.023	<0.023	<0.026	<0.024
Hydrogen Sulphide	mg/m ³	6 months	N/A	N/A	<1	<1	1	1.2	<1.1
Naphthalene	mg/m ³	6 months	N/A	N/A	0.0014	0.00293	0.00240	0.0018	0.000588
Polycyclic Aromatic Hydrocarbons	mg/m ³	6 months	N/A	N/A	0.0018	0.0036	0.0031	0.0022	0.0012
Volatile Organic Compounds	mg/m ³	6 months	N/A	N/A	0.592	0.342	2.200	0.169	0.1565
Volatile Organic Compounds as n-propane equivalent	mg/m ³	6 months	N/A	N/A	0.255	0.136	1.025	0.137	0.127
Temperature	°C	6 months	155.2	185.2	524.6	398.2	409.2	441.8	285.5
Velocity	m/s	6 months	2.70	2.6	14.00	9.7	8.9	7	4
Volumetric Flowrate	m ³ /s	6 months	0.93	0.76	1.60	1.40	1.20	0.65	0.47

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	122 (500)	117 (500)	696 (2000)	201 (2000)	170 (2000)
Sulphur Dioxide	mg/m ³	6 months	<6.9	<8.5	240	31	<9.1
Sulphur Trioxide	mg/m ³	6 months	10 (100)	3 (100)	30 (100)	7.8 (100)	1.3 (100)
Total Solid Particles	mg/m ³	6 months	20 (100)	2.5 (100)	42 (100)	7.7 (100)	40 (100)

Parameter	Units	Frequency	EPL Point 10	EPL Point 11
Stack ID			Creosote Reboiler	Tar Reboiler
Nitrogen Oxides	mg/m ³	6 months	667 (2000)	826 (2000)
Sulphur Dioxide	mg/m ³	3 months	370	280
Sulphur Trioxide	mg/m ³	3 months	20 (100)	51 (100)
Total Solid Particles	mg/m ³	6 months	32 (100)	48 (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>