



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

Address: **Woodstock Street Mayfield NSW 2304**

EPL No.: **2156**

Date Results Obtained: **23/12/2015**

Frequency of Monitoring as Required by Licence: **Six Monthly (Point 10 - 3 monthly SO₂ & SO₃)**

		Pollutant	Measurement	Limits	Units	Exceedance
Point	1					
Description	Discharge stack from fume scrubber indicated as T-111H	Hydrogen Sulphide	<0.22	5	mg/m ³	
Point	2					
Description	Discharge stack from fume scrubber indicated as T-311H	Hydrogen Sulphide	Redundant	5	mg/m ³	
Point	3					
Description	Discharge stack from fume scrubber indicated as T-414H	Hydrogen Sulphide	<0.22	5	mg/m ³	
Point	4					
Description	Discharge stack from fume scrubber indicated as T-518H	Hydrogen Sulphide	<0.19	5	mg/m ³	
Point	5					
Description	Discharge stack from fume scrubber indicated as T-711H	Hydrogen Sulphide	<0.18	5	mg/m ³	
Point	8					
Description	Discharge stack from fume scrubber indicated as T-611H	Hydrogen Sulphide	<0.14	5	mg/m ³	

		Pollutant	Measurement	Limits	Units	Exceedance
Point	9a	Total Oxides of Nitrogen	147	2500	mg/m ³	
Description	Discharge stack from Boiler number 1	Sulphur Dioxide	<12	N/A	mg/m ³	
		Sulphur Trioxide	9.7	100	mg/m ³	
		Total Solid Particles	64	100	mg/m ³	
Point	9b	Total Oxides of Nitrogen	2102	2500	mg/m ³	
Description	Discharge stack from Boiler number 2	Sulphur Dioxide	360	N/A	mg/m ³	
		Sulphur Trioxide	77	100	mg/m ³	
		Total Solid Particles	28	100	mg/m ³	
Point	10	Total Oxides of Nitrogen	1071	2000	mg/m ³	
Description	Discharge stack from Creosote Tubeheater indicated as E116	Sulphur Dioxide	490	N/A	mg/m ³	
		Sulphur Trioxide	<4.6	100	mg/m ³	
		Total Solid Particles	6	100	mg/m ³	
Point	11	Total Oxides of Nitrogen	448	2000	mg/m ³	
Description	Discharge stack from Tar Tubeheater indicated as E106	Sulphur Dioxide	1300	N/A	mg/m ³	
		Sulphur Trioxide	270	100	mg/m ³	Y
		Total Solid Particles	48	100	mg/m ³	

		Pollutant	Measurement	Limits	Units	Exceedance
Point	12	Total Oxides of Nitrogen	155	2000	mg/m ³	
Description	Discharge stack from Naphthalene Tubeheater indicated as E309	Sulphur Dioxide	61	N/A	mg/m ³	
		Sulphur Trioxide	<3.8	100	mg/m ³	
		Total Solid Particles	16	100	mg/m ³	
Point	13	Total Oxides of Nitrogen	162	2000	mg/m ³	
Description	Discharge stack from Number 2 heater indicated as Stack No.2	Sulphur Dioxide	<14	N/A	mg/m ³	
		Sulphur Trioxide	7.5	100	mg/m ³	
		Total Solid Particles	51	100	mg/m ³	
Point	14	Not in service	N/A			
Description	Discharge stack from Number 3 heater indicated as Stack No.3					
Point	15	Total Oxides of Nitrogen	137	2000	mg/m ³	
Description	Discharge stack from Booster Pumping Station indicated as Stack No.1	Sulphur Dioxide	<16	N/A	mg/m ³	
		Sulphur Trioxide	<8.7	100	mg/m ³	
		Total Solid Particles	12	100	mg/m ³	

Comments

Sulphur Trioxide on Stack 11 (Tar Tube Heater) is outside maximum limits. The reason for this is currently being investigated.

Link to Environmental Protection Licence

<https://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=65837&SYSUID=1&LICID=2156>