



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

Address: **Woodstock Street Mayfield NSW 2304**

EPL No.: **2156**

Date Results Obtained: **18/03/2014**

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

		Pollutant	Measurement	Limits	Units	Exceedance
Point	1					
Description	Discharge stack from fume scrubber indicated as T-111H	Hydrogen Sulphide	5.7	5	mg/m ³	Y
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	<0.14	5	mg/m ³	
Point	4					
Description	Discharge stack from fume scrubber indicated as T-518H	Hydrogen Sulphide	<0.26	5	mg/m ³	
Point	5					
Description	Discharge stack from fume scrubber indicated as T-711H	Hydrogen Sulphide	<0.25	5	mg/m ³	
Point	8					
Description	Discharge stack from fume scrubber indicated as T-611H	Hydrogen Sulphide	1.1	5	mg/m ³	

		Pollutant	Measurement	Limits	Units	Exceedance
Point	9a	Total Oxides of Nitrogen	83	2500	mg/m ³	
Description	Discharge stack from Boiler number 1	Sulphur Dioxide	<38	2800	mg/m ³	
		Sulphur Trioxide	7.4	100	mg/m ³	
		Total Solid Particles	3	100	mg/m ³	
Point	9b	Total Oxides of Nitrogen	1420	2500	mg/m ³	
Description	Discharge stack from Boiler number 2	Sulphur Dioxide	390	2800	mg/m ³	
		Sulphur Trioxide	8.6	100	mg/m ³	
		Total Solid Particles	23	100	mg/m ³	
Point	10	Total Oxides of Nitrogen	1025	2000	mg/m ³	
Description	Discharge stack from Creosote Tubeheater indicated as E116	Sulphur Dioxide	520	2800	mg/m ³	
		Sulphur Trioxide	34	100	mg/m ³	
		Total Solid Particles	61	100	mg/m ³	
Point	11	Total Oxides of Nitrogen	492	2000	mg/m ³	
Description	Discharge stack from Tar Tubeheater indicated as E106	Sulphur Dioxide	<39	2800	mg/m ³	
		Sulphur Trioxide	<7.9	100	mg/m ³	
		Total Solid Particles	23	100	mg/m ³	

		Pollutant	Measurement	Limits	Units	Exceedance
Point	12	Total Oxides of Nitrogen	149	2000	mg/m ³	
Description	Discharge stack from Naphthalene Tubeheater indicated as E309	Sulphur Dioxide	<20	2800	mg/m ³	
		Sulphur Trioxide	<4.1	100	mg/m ³	
		Total Solid Particles	1.6	100	mg/m ³	
Point	13	Total Oxides of Nitrogen	154	2000	mg/m ³	
Description	Discharge stack from Number 2 heater indicated as Stack No.2	Sulphur Dioxide	<17	2800	mg/m ³	
		Sulphur Trioxide	<17	100	mg/m ³	
		Total Solid Particles	1.2	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	<23	2800	mg/m ³	
		Sulphur Trioxide	<4.6	100	mg/m ³	
		Total Solid Particles	4.8	100	mg/m ³	

Exceedance

Point 1 (Discharge from Fume Scrubber Tank 111) Hydrogen Sulphide measured at 5.7 mg/m³ with a limit of 5 mg/m³. This is a function of sulphur content that comes in the raw material coal tar. Fume scrubber tank 111 is programmed for an upgrade in 2014, with engineering design due to be completed before the end of the year, and works to be implemented early 2015.

Link to Environmental Protection Licence

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33377&SYSUID=1&LICID=2156>