



Licensee: **Koppers Carbon Materials & Chemicals Pty Ltd**
Address: **Woodstock Street Mayfield NSW 2304**
EPL No.: **2156**
Date Results Obtained: **26/01/2015**
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	<0.24	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	<0.24	5	mg/m ³	
Point	4					
Description	Discharge stack from fume scrubber indicated as T-518H	Hydrogen Sulphide	<0.17	5	mg/m ³	
Point	5					
Description	Discharge stack from fume scrubber indicated as T-711H	Hydrogen Sulphide	<0.22	5	mg/m ³	
Point	8					
Description	Discharge stack from fume scrubber indicated as T-611H	Hydrogen Sulphide	1.3	5	mg/m ³	

		Pollutant	Measurement	Limits	Units	Exceedance
Point	9a	Total Oxides of Nitrogen	1153	2500	mg/m ³	
Description	Discharge stack from Boiler number 1	Sulphur Dioxide	570	N/A	mg/m ³	
		Sulphur Trioxide	<16	100	mg/m ³	
		Total Solid Particles	36	100	mg/m ³	
Point	9b	Total Oxides of Nitrogen	161	2500	mg/m ³	
Description	Discharge stack from Boiler number 2	Sulphur Dioxide	<23	N/A	mg/m ³	
		Sulphur Trioxide	31	100	mg/m ³	
		Total Solid Particles	17	100	mg/m ³	
Point	10	Total Oxides of Nitrogen	837	2000	mg/m ³	
Description	Discharge stack from Creosote Tubeheater indicated as E116	Sulphur Dioxide	370	N/A	mg/m ³	
		Sulphur Trioxide	190*	100	mg/m ³	
		Total Solid Particles	14	100	mg/m ³	
Point	11	Total Oxides of Nitrogen	28	2000	mg/m ³	
Description	Discharge stack from Tar Tubeheater indicated as E106	Sulphur Dioxide	64	N/A	mg/m ³	
		Sulphur Trioxide	1000*	100	mg/m ³	
		Total Solid Particles	52	100	mg/m ³	

		Pollutant	Measurement	Limits	Units	Exceedance
Point	12	Total Oxides of Nitrogen	147	2000	mg/m ³	
Description	Discharge stack from Naphthalene Tubeheater indicated as E309	Sulphur Dioxide	41	N/A	mg/m ³	
		Sulphur Trioxide	12	100	mg/m ³	
		Total Solid Particles	33	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	27	N/A	mg/m ³	
		Sulphur Trioxide	<140*	100	mg/m ³	
		Total Solid Particles	5.6	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	119	2000	mg/m ³	
Description	Discharge stack from Booster Pumping Station indicated as Stack No.1	Sulphur Dioxide	63	N/A	mg/m ³	
		Sulphur Trioxide	510*	100	mg/m ³	
		Total Solid Particles	2.9	100	mg/m ³	

Comments

* The results all meet the relevant Clean Air Regulation 2010 limits with exception of EPL Points 10, 11, 13, & 15 for Sulphuric Acid Mist (H₂SO₄ as SO₃). The laboratory analysis returned a positive result for the solution blank, and after communication with the laboratory, the testing contractor believes there to have been a contamination of the samples during analysis. These points will be retested and reported when results received.

Link to Environmental Protection Licence

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=43325&SYSUID=1&LICID=2156>