

9 November 2015

EPL 854:

<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28885&SYSUID=1&LICID=854>

 Data for Emission Point – Thermal Oil Heater
 Date Tested 23rd Sepember and 16th October 2015
 Date recived 3rd November

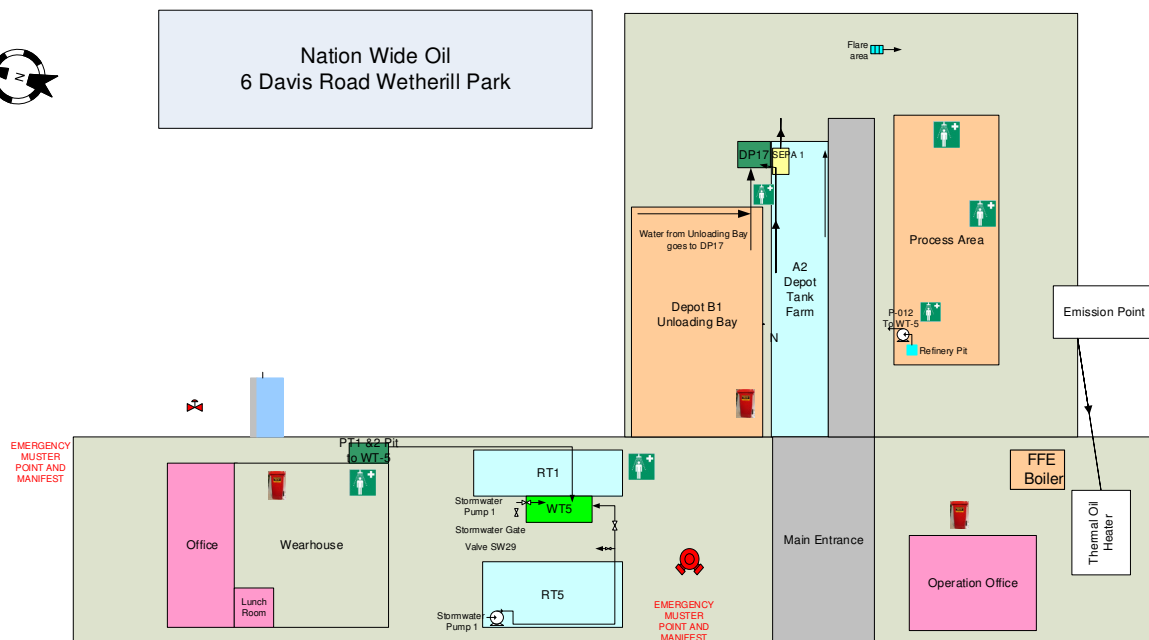
Parameter	Unit of Measure	Average Result 23-Sept-15	Average Result (retest) 16 Oct-15	EPL Limit Concentration
Normal Stack Gas Flow Rate	m ³ /min	61	65	
Temperature	°C	289	276	
Velocity	m/s	8	8.5	
Moisture	%	8.2	8.9	
Dry gas density	kg/m ³	1.31	1.33	
Molecular weight of stack gases	g/g.mole	29.4	29.7	
Stack pressure	kPa	101.3	101.3	
Odour	ou	570	NS	
Oxygen	%	14.8	9.2	
Nitrogen Oxides @ stack O ₂	mg/m ³	152	184	
Nitrogen Oxides @ 3% O ₂	mg/m ³	446	283	2000
Sulphuric Acid Mist /Sulphur Trioxide (expressed as SO ₃) @stackO ₂	mg/m ³	100	35.7	
Sulphuric Acid Mist /Sulphur Trioxide (expressed as SO ₃) @11% O ₂	mg/m ³	200	30.3	100
Total Solid Particulates (TSP) @ stack O ₂	mg/m ³	60.6	55.5	
Total Solid Particulates (TSP)@ 3% O ₂	mg/m ³	177	85.3	100
Volatile Organic Compounds (expressed as n-propane) @ stack O ₂	mg/m ³	<3.6	NS	
Volatile Organic Compound (expressed as n-propane) @ 3% O ₂	mg/m ³	<10	NS	40

Key:

%	=	percent
°C	=	degrees Celsius
<	=	less than
g/g.mole	=	grams per gram mole
kg/m ³	=	kilograms per cubic metre
mg/m ³	=	milligrams per cubic metre @ 0°C and 1 atmosphere
m/s	=	metres per second
m ³ /min	=	cubic metres per minute @ 0°C and 1 atmosphere
ou	=	odour units
O ₂	=	Oxygen
NS	=	Not Sampled



Nation Wide Oil
6 Davis Road Wetherill Park



SAFETY
SHOWER



FIRE
HYDRANT



SPILL KIT



ELECTRICAL
SWITCH
BOARDS



FIRST AID
KIT



FIRE
EXTINGUISHER



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