OCTOBER 2008

EMISSIONS MONITORING

REPORT

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5th December 2008

redwing ENVIRONMENTAL

PROJECT TEAM

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EXECUTIVE SUMMARY (Page 1 of 2)

The following document details the emissions to air monitoring survey undertaken by Vicki Gavin and Tony Berek of Redwing Environmental Ltd at Terex Compact Equipment on the 6th to the 9th October 2008.

All results pertain to the dates monitored only.

A summary of results is shown below:-

Emission point reference Stack N°	Total Particulate Matter at reference conditions (mg/m^3)	* Highest 30 minute mean VOC at reference conditions (mg/m^3)	Isocyanate Concentration at reference conditions (mg/m^3)	Velocity corrected to reference conditions (m/s)	Volume flow corrected to reference conditions (m^3/hr)
Primer Spray Booth 1	1.4 to 2.1	10.8 (7.2)	--	8.0	73,275
Primer Spray Booth 2	0.2 to 2.3	20.6 (20.1)	--	9.6	88,047
Primer Flash-off	2.1 to 4.6	34.4 (28.7)	--	5.4	9,730
Topcoat Spray Booth 1	3.2	25.2 (17.2)	<0.003	8.1	74,268
Topcoat Spray Booth 2	2.2 to 2.4	61.0 (59.6)	<0.003	6.2	56,912
Topcoat Flash-off	0.9 to 5.7	0.90 (0.86)	<0.003	9.9	22,728
Topcoat Curing Oven	1.6 to 1.8	53.2 (35.7)	<0.003	14.3	12,219
Paint Kitchen	--	13.9 (13.4)	--	N/A	N/A
Spray Bake Booth 1	0.7 to 0.9	9.7 (9.4)	<0.003	16.5	26,285
Spray Bake Booth 2	1.8 to 3.1	23.6 (21.7)	<0.003	15.2	24,252

EXECUTIVE SUMMARY (Page 2 of 2)

A summary of results is shown below:-

Emission point reference Stack N°	Total Particulate Matter at reference conditions (mg/m^3)	* Highest 30 minute mean VOC at reference conditions (mg/m^3)	Velocity corrected to reference conditions (m/s)	Volume flow corrected to reference conditions (m^3/hr)
Genie 2 Booth 2 Exhaust 1	1.8 to 2.3	11.0 (10.4)	9.8	13,622
Genie 2 Booth 2 Exhaust 2	2.7 to 4.5	2.6 (2.5)	8.2	11,288
Genie 1 Booth 2	2.5 to 9.4	23.3 (15.8)	10.3	14,330
Genie 1 Booth 2	2.3 to 3.5	7.8 (7.7)	8.9	12,317
Genie 2 Booth 1 Exhaust 1	2.2 to 2.6	9.2 (8.8)	12.8	17,751
Genie 2 Booth 1 Exhaust 2	1.9 to 2.7	10.1 (9.9)	11.7	16,185

*** Figure in brackets represent the average VOC for the duration of the monitoring**

NOTE 1: Reference conditions are standard Temperature (273K) and standard pressure (101.3kPa)

1.0 INTRODUCTION

1.1 The exhausts listed below were monitored with respect to quotation **Q-RED08-108/EB/v0** for the compliance check monitoring of emissions to air. The substances requested for monitoring at each emission point are listed below:

Monitoring Programme

Stack reference/Proposed method	Total Particulate Matter BS EN 13284	Volatile Organic Compounds BS EN 13526	MDHS 25/3
Main Paint Facility			
Primer spray booth - 1	✓	✓	×
Primer spray booth – 2	✓	✓	×
Primer Flash off	✓	✓	×
Topcoat Spray booth -1	✓	✓	✓
Topcoat spray booth – 2	✓	✓	✓
Topcoat Flash off	✓	✓	✓
Topcoat Curing Oven	✓	✓	✓
Paint Kitchen	×	✓	×
Off line Paint Facility			
Spraybake booth – 1	✓	✓	✓
Spraybake booth – 2	✓	✓	✓
Genie Line			
Genie 2 Booth 2 Exhaust 1	✓	✓	×
Genie 2 Booth 2 Exhaust 2	✓	✓	×
Genie 1 Booth 1	✓	✓	×
Genie 1 Booth 2	✓	✓	×
Genie 2 Booth 1 Exhaust 1	✓	✓	×
Genie 2 Booth 1 Exhaust 2	✓	✓	×

1.2 Terex Compact Equipment operates a metal and plastic coating process at their site in Coventry, the process is governed by the Secretary of States Process Guidance Note PG6/23(04) – Coating of Metal and Plastic.

1.3 The emission limits are listed below:

Process Guidance Note PG6/23 (04): Coating of Metal and Plastic

EMISSION LIMITS

ANALYTE	TOTAL PARTICULATE	TOTAL VOC	TOTAL ISOCYANATES
Emission Limit	50 mg/m^3	150 mg/m^3	0.1mg/m^3

1.4 The velocity and temperature profile were within the required parameters of 9:1 (pascals) or 3:1 metres/second and ± 1% for temperature profile. This information indicates that the sample ports are in ideal positions to collect the samples under representative conditions.

1.5 Monitoring Results

Emission Point Reference	Substance to be Monitored	Emission Limit Value	Periodic Monitoring Result	Units	Reference Conditions 273 K, 101.3 kPa	Date of Sampling	Start and End Times	Monitoring Method Reference	Accreditation for use of Method	Operating Status
Primer Spray Booth 1	Total Particulate Matter	50	1.4 to 2.1	mg/m^3	273K, 101.3kPa	07/10/08	1340 – 1416 1417 – 1453	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	7.2	mg/m^3			1334 - 1434	BS EN 13526		
Primer Spray Booth 2	Total Particulate Matter	50	0.2 to 2.3	mg/m^3	273K, 101.3kPa	07/10/08	1455 – 1531 1532 - 1608	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	20.1	mg/m^3			1435 - 1535	BS EN 13526		
Primer Flash-off	Total Particulate Matter	50	2.1 to 4.6	mg/m^3	273K, 101.3kPa	07/10/08	1225 – 1257 1305 – 1337	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	28.7	mg/m^3			1225 - 1325	BS EN 13526		
Top Coat Spray Booth 1	Total Particulate Matter	50	3.2	mg/m^3	273K, 101.3kPa	06/10/08	1155 – 1231 1235 – 1311	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	17.2	mg/m^3			1233 – 1333	BS EN 13526		
	Isocyanates	0.1	<0.003	mg/m^3		07/10/08	1100 - 1200	MDHS 25/3		

Emission Point Reference	Substance to be Monitored	Emission Limit Value	Periodic Monitoring Result	Units	Reference Conditions 273 K, 101.3 kPa	Date of Sampling	Start and End Times	Monitoring Method Reference	Accreditation for use of Method	Operating Status
Top Coat Spray Booth 2	Total Particulate Matter	50	2.2 to 2.4	mg/m^3	273K, 101.3kPa	06/10/08	1315 – 1351 1355 - 1431	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	59.6	mg/m^3			1334 – 1434	BS EN 13526		
	Isocyanates	0.1	<0.003	mg/m^3		07/10/08	1005 - 1105	MDHS 25/3		
Topcoat Flash-off	Total Particulate Matter	50	0.9 to 5.7	mg/m^3	273K, 101.3kPa	07/10/08	0940 – 1012 1015 – 1047	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	0.86	mg/m^3			0935 – 1035	BS EN 13526		
	Isocyanates	0.1	<0.003	mg/m^3		07/10/08	0935 - 1035	MDHS 25/3		
Topcoat Curing Oven	Total Particulate Matter	50	1.6 to 1.8	mg/m^3	273K, 101.3kPa	07/10/08	1100 – 1132 1135 – 1207	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	35.7	mg/m^3			1100 – 1200	BS EN 13526		
	Isocyanates	0.1	<0.003	mg/m^3		07/10/08	1100 - 1200	MDHS 25/3		
Spray Bake 1	Total Particulate Matter	50	0.7 to 0.9	mg/m^3	273K, 101.3kPa	08/10/08	1104 – 1136 1140 - 1212	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	9.4	mg/m^3			0939 - 1039	BS EN 13526		
	Isocyanates	0.1	<0.003	mg/m^3			0935 - 1035	MDHS 25/3		

Emission Point Reference	Substance to be Monitored	Emission Limit Value	Periodic Monitoring Result	Units	Reference Conditions 273 K, 101.3 kPa	Date of Sampling	Start and End Times	Monitoring Method Reference	Accreditation for use of Method	Operating Status
Spray Bake 2	Total Particulate Matter	50	1.8 to 3.1	mg/m^3	273K, 101.3kPa	08/10/08	1215 – 1247 1250 - 1322	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	21.7	mg/m^3			1044 - 1144	BS EN 13526		
	Isocyanates	0.1	<0.003	mg/m^3			1045 - 1145	MDHS 25/3		
Paint Kitchen	Volatile Organic Compounds	150	13.4	mg/m^3	273K, 101.3kPa	06/10/08	1132 - 1232	BS EN 13526	UKAS accreditation under application	Normal
Preparation Booth	Total Particulate Matter	50	0.2 to 1.3	mg/m^3	273K, 101.3kPa	02/11/07	1115 – 1147 1152 - 1224	BS EN 13284-1	UKAS accreditation under application	Normal
Genie 2 Booth 2 Exhaust 1	Total Particulate Matter	50	1.8 to 2.3	mg/m^3	273K, 101.3kPa	09/10/08	0837 – 0909 0911 – 0943	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	10.4	mg/m^3			0849 - 0949	BS EN 13526		
Genie 2 Booth 2 Exhaust 2	Total Particulate Matter	50	2.7 to 4.5	mg/m^3	273K, 101.3kPa	08/10/08	1325 – 1357 1400 – 1432	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	2.5	mg/m^3			1228 - 1328	BS EN 13526		

* Redwing Environmental Ltd is in the process of applying for UKAS accreditation

Emission Point Reference	Substance to be Monitored	Emission Limit Value	Periodic Monitoring Result	Units	Reference Conditions 273 K, 101.3 kPa	Date of Sampling	Start and End Times	Monitoring Method Reference	Accreditation for use of Method	Operating Status
Genie 1 Booth 1	Total Particulate Matter	50	2.5 to 9.4	mg/m^3	273K, 101.3kPa	09/10/08	1337 – 1409 1415 - 1447	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	15.8	mg/m^3			1335 – 1435	BS EN 13526		
Genie 1 Booth 2	Total Particulate Matter	50	2.3 to 3.5	mg/m^3	273K, 101.3kPa	09/10/08	1226 – 1258 1300 – 1332	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	7.7	mg/m^3			1132 – 1232	BS EN 13526		
Genie 2 Booth 1 Exhaust 1	Total Particulate Matter	50	2.2 to 2.6	mg/m^3	273K, 101.3kPa	09/10/08	1100 – 1132 1135 – 1207	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	8.8	mg/m^3			1103 – 1203	BS EN 13526		
Genie 2 Booth 1 Exhaust 2	Total Particulate Matter	50	1.9 to 2.7	mg/m^3	273K, 101.3kPa	09/10/08	0948 – 1020 1023 – 1055	BS EN 13284-1	UKAS accreditation under application	Normal
	Volatile Organic Compounds	150	9.9	mg/m^3			0951 - 1051	BS EN 13526		

2 Supporting Information (Held by Redwing Environmental Ltd)

2.1 General Information

2.1.1 Redwing Environmental Ltd staff details

Vicki Gavin – MCerts Level 1 TE1
Registration number MM 02 018

Tony Berek – MCerts Level 1
Registration number MM 06 702

2.2 Redwing Environmental Ltd method details

2.2.1 Volatile organic compounds (BS EN 13526: 2001)

2.2.2 Monitoring to determine VOC emission concentrations was in accordance with BS EN 13526: 2001.

2.2.3 Volatile organic compound concentrations were measured using a Signal portable heated VOC analyser. The analyser works by burning the gas sample in a hydrogen flame. This ionises any organic compounds present and the current produced across an electric field is proportional to the number of carbon atoms.

2.2.4 The analyser and heated line will be zeroed and calibrated with a test gas (80 ppm and or 800ppm propane) prior to each sampling run. VOC sampling will be undertaken over a period of at least 30 minutes to cover any process variation.

2.2.5 All data was logged onto a Grant Squirrel data logger set at 20 second logging.

2.2.6 A heated line from the sample point to analyser was used to ensure that condensation did not occur leading to the loss of sample concentration.Volatile organic compounds.

2.3 Stack Velocity, Pressure and Temperature Measurements

2.3.1 The stack velocity, pressure and temperature will be measured by full pitot traverses of the duct using the points provided. Measurements will be taken at the relevant positions based on the particulate standard followed.

2.4 Leak tests for extractive techniques

2.4.1 All extractive-sampling techniques were tested for leaks before sampling proceeded. Any leaks present were eliminated prior to sampling and will be reported.

2.4.2 Leak checks are carried out during the calibrating procedure, as the concentration of the calibration gas is known it is readily indentified if air is entering the sample line and diluting the gas.

2.5 Particulate matter BS EN 13284-1: 2002

2.5.1 Total particulate matter was sampled using a Zambelli isokinetic sampling system in accordance with BS EN 13284-1: 2002 – Determination of Low Range Mass Concentration of dust (< 50mg/m^3).

2.5.2 The Zambelli sampling system monitors temperature, static pressure and velocities within the duct using an S-type pitot tube and K-type thermocouple. The sampling rate was continuously monitored and adjusted relative to the duct velocity to ensure isokinetic-sampling conditions were maintained throughout the monitoring period.

2.5.3 Exhaust gases were drawn under isokinetic conditions from the exhaust points using the Zambelli sampling probe, particulate matter was then collected on a pre-weighed glass fibre filter (or most suitable filter for process) contained within the filter cassette holder, and the total particulate matter determined gravimetrically.

2.5.4 It is also necessary to wash the probe and nozzle out with water and then acetone between sampling and the weight of the probe washing added to that collected on the sample filter. Analysis of an acetone/water blank will be carried out and the result corrected accordingly.

2.5.5 The sample positions were calculated with respect to BS EN 13284-1: 2002 – Stationary source emissions – Determination of Low Range Mass Concentration of dust.

2.5.6 Sampling may be carried out internally or externally, the method used will be reported and provided there are no deviations from the method the uncertainty for the monitoring procedure is reported to be within the requirements specified by the Hazardous Waste Directive (HWD) as stated in the Environment Agency Technical Document M2

Uncertainty: ± 30%

2.5.7 ISO 9096: 2003 and BS EN 13284-1: 2002 are very similar methods but BS EN 13284-1: 2002 recommends the use of an 8mm nozzle and nozzles less than 6mm should not be used.

2.6 Isocyanates (MDHS 25/3)

2.6.1 There are several Isocyanates; these include TDI, MDI, HDI and IPDI. The isocyanate to be monitored is HDI (1,6 – hexamethylene diisocyanate). All Isocyanates follow the same procedure for sampling and analysis.

2.6.2 Isocyanates can be sampled non-isokinetically following MDHS 25 or isokinetically following the draft US EPA Method 207-1.

2.6.3 The method used was the non-isokinetic method. A sample probe was placed inside the stack; the sample probe was then attached to two midget impingers. The first impinger contained 10mls of 1,2 methoxy-phenyl piperazine and the second impinger was empty.

2.6.4 The impingers were then attached to a calibrated sample pump; the pump was left to run for approximately 2 hours. The pump was then recalibrated and the total volume of the sample gas calculated. In the event of the solution evaporating, the sample volume is made up to 10mls using dry toluene.

2.6.5 The samples are stored in brown glass bottles and submitted for analysis. The samples will be 'blown down' to dryness using air and made upto 1ml using the most suitable matrix (usually acetonitrile). The sample will then be ready for analysis by HPLC (High Pressure Liquid Chromatography).

3.0 Quality Assurance

3.1 Redwing Environmental Ltd will always endeavour to follow the methods specified in the Environment Agency Technical Guidance M2. The methods followed will be listed as our Technical Procedures and will be put forward for UKAS accreditation. Redwing Environmental Ltd is a member of the Source Testing Association (STA) and therefore operate under the STA's code of practice.

3.2 Redwing Environmental Ltd is accredited to ISO 9001.

3.3 All references made to MCerts are based on the certification held by the site personnel only.

4.0 Disclaimer

4.1 Redwing Environmental Ltd confirms that in preparing this report all reasonable skill and care has been exercised.

4.1.1 Unless specifically assigned or transferred within the terms of the agreement, Redwing Environmental Ltd asserts and retains all copyright, and other Intellectual Property Rights, in and over the report and its contents.

APPENDIX A

Particulate & Velocity Results

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Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	07/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Primer Booth 1 Exhaust
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	1.80
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	6
Nozzle Diameter (mm)	8.0
Nozzle Area (m²)	0.00005024
Stack Area (m²)	2.545

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	7.92	16.03	22.33
2	26.28	22.33	20.20
3	53.28	21.92	22.86
4	126.72	22.86	26.04
5	153.72	23.77	25.21
6	172.08	27.87	28.13
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		23.33	24.89

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1012	
						Static Pressure (pa)	
1	7.92	17	19.1	33	19.1	-30.00	
2	26.28	33	19.1	27	19.1	**1 Axis**	**2 Axis**
3	53.28	34		37		**Average Velocity Flow (Nm/s)**	
4	126.72	37		48		8.00	
5	153.72	40		45		**Average Volume Flow (Nm³/s)**	
6	172.08	55		56		20.35	
7	N/A					**Volume (Nm³/s)**	
8	N/A					19.69	21.02
						Velocity of flow (Nm/s)	
						7.74	8.26
Averages		36	19.1	41	19.1	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	292.10
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	4.50 to 33.71
Highest Velocity Reading (m/s) =	9.7
Lowest Velocity Reading (m/s) =	5.3
Ratio Highest:Lowest (Max permitted = 3:1)	1.83 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.48
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 1036
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Primer Booth 1 Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-240908-11			Q47-240908-12		
Date	07-Oct-08			07-Oct-08		
Sample Period	13:40	to	14:16	14:17	to	14:53
Velocity (Nm/s)	8.00					
Volume (Nm³/hr)	73275					
Average Stack Temp (°C)	19.00					
Permitted Temp Range (°C)	4.50	to		33.71		
Lowest Velocity Reading (m/s)	5.29					
Highest Velocity Reading (m/s)	9.65					
Ratio (less than 3:1)	1.83	:		1		
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	677			678		
Corrected volume sampled (m³)	0.636			0.637		
Blank Filter Run (mg/m³)	0.015					
Blank Filter Run (mg/m³)	0.295					
Particulate Concentration on Filter (mg/m³)	0.24			0.03		
Particulate Concentration in Wash (mg/m³)	1.18			2.03		
Total Particulate Concentration (mg/m³)	1.42			2.06		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.104			0.151		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	07/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Primer Booth 2 Exhaust	**Isokinetic Sample Points (cms)**		**Isokinetic Flow (l/min)**	
				Axis 1	**Axis 2**
		1	7.92	27.07	27.62
Number of Stacks	1	2	26.28	29.75	28.71
Configuration (Round / Rectangular)	Round	3	53.28	26.50	29.23
Dimensions (mtrs)	1.80	4	126.72	30.01	30.51
Outlet Diameter (if applicable) (mtrs/sec)		5	153.72	31.50	28.44
Number of Sample Ports	2	6	172.08	28.97	28.97
Number of Samples per Axis / Port	6	7	N/A	N/A	N/A
Nozzle Diameter (mm)	8.0	8	N/A	N/A	N/A
Nozzle Area (m²)	0.00005024	**Average Isokinetic Flow Rate (ltrs/min)**		**Axis 1**	**Axis 2**
Stack Area (m²)	2.545			29.02	28.93

Pitot Coefficient	1	**Pitot Calibration Date**		25th march 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1012	
						Static Pressure (pa)	
1	7.92	48	19.5	50	19.5	-49.00	
2	26.28	58	19.5	54	19.5	**1 Axis**	**2 Axis**
3	53.28	46	19.5	56	19.5	**Average Velocity Flow (Nm/s)**	
4	126.72	59	19.5	61	19.5	9.61	
5	153.72	65	19.5	53	19.5	**Average Volume Flow (Nm³/s)**	
6	172.08	55	19.5	55	19.5	24.46	
7	N/A					**Volume (Nm³/s)**	
8	N/A					24.49	24.42
						Velocity of flow (Nm/s)	
						9.63	9.60
Averages		55	19.5	55	19.5	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	292.50	
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	4.88	to 34.13
Highest Velocity Reading (m/s) =	10.4	
Lowest Velocity Reading (m/s) =	8.7	
Ratio Highest:Lowest (Max permitted = 3:1)	1.20 : 1	

On site Checklist		**Instrument**	**Serial No:**
Manometer Leak Check	ok	Manometer	RED 0095
Range of Gas Temps	ok	Temp Indicator	RED 0096
Leak Check (l/min)	<0.2	Thermocouple	RED 0274
Leak Check 2% Vol (l/min)	0.58	Pitot Tube	RED 0136
Swirl Test (<15°)	ok	Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Primer Booth 2 Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-240908-13			Q47-220908-11		
Date	07-Oct-08			07-Oct-08		
Sample Period	14:55	to	15:31	15:32	to	16:08
Velocity (Nm/s)	9.61					
Volume (Nm³/hr)	88047					
Average Stack Temp (°C)	19.00					
Permitted Temp Range (°C)	4.88	to		34.13		
Lowest Velocity Reading (m/s)	8.70					
Highest Velocity Reading (m/s)	10.45					
Ratio (less than 3:1)	1.20	:		1		
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	1.02					
Litres sampled	677			678		
Corrected volume sampled (m³)	0.638			0.639		
Blank Filter Run (mg/m³)	0.015					
Blank Filter Run (mg/m³)	0.295					
Particulate Concentration on Filter (mg/m³)	0.09			0.08		
Particulate Concentration in Wash (mg/m³)	0.11			2.25		
Total Particulate Concentration (mg/m³)	0.20			2.33		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.018			0.205		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	07/10/2008
Port Depth (cm)	
Operator(s)	Vicki Gavin & Tony Berek

Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** ☒

Stack Reference	Primer Flash-off Exhaust
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.80
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	8.0
Nozzle Area (m²)	0.00005024
Stack Area (m²)	0.503

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	11.68	15.69	16.21
2	68.32	16.70	16.21
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		16.21	16.21

Pitot Coefficient	1	**Pitot Calibration Date**		25TH March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1012	
						Static Pressure (pa)	
1	11.68	15	43.3	16	43.4	-1.00	
2	68.32	17	43.2	16	43.3	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					5.38	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					2.70	
7	N/A					**Volume (Nm³/s)**	
8	N/A					2.70	2.70
						Velocity of flow (Nm/s)	
						5.38	5.38
Averages		16	43.3	16	43.4	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)-2)+273)) =	316.30
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	27.49 to 59.12
Highest Velocity Reading (m/s) =	5.5
Lowest Velocity Reading (m/s) =	5.2
Ratio Highest:Lowest (Max permitted = 3:1)	1.07 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.32
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Primer Flash-off Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-240908-9			Q47-240908-10		
Date	07-Oct-08			07-Oct-08		
Sample Period	12:25	to	12:57	13:05	to	13:37
Velocity (Nm/s)	5.38					
Volume (Nm³/hr)	9730					
Average Stack Temp (°C)	44.00					
Permitted Temp Range (°C)	27.49		to			59.12
Lowest Velocity Reading (m/s)	5.17					
Highest Velocity Reading (m/s)	5.54					
Ratio (less than 3:1)	1.07		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.77					
Litres sampled	495			514		
Corrected volume sampled (m³)	0.462			0.479		
Blank Filter Run (mg/m³)	0.020					
Blank Filter Run (mg/m³)	0.396					
Particulate Concentration on Filter (mg/m³)	1.21			0.04		
Particulate Concentration in Wash (mg/m³)	3.38			2.02		
Total Particulate Concentration (mg/m³)	4.59			2.07		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.045			0.020		

Client	Terex Compact Equipment		
Site Address	Prologis Park, Coventry		
Job Number	P-RED08-108		
Date	06/10/2008	**Port Depth (cm)**	
Operator(s)	Vicki Gavin & Tony Berek		

		Isokinetic Sampling Method		ISO 9096 ☐	BS EN 13284 ☒
Stack Reference	Top Coat Booth 1 Exhaust	**Isokinetic Sample Points (cms)**		**Isokinetic Flow (l/min)**	
				Axis 1	**Axis 2**
		1	7.92	12.26	12.63
Number of Stacks	1	2	26.28	11.26	14.37
Configuration (Round / Rectangular)	Round	3	53.28	13.18	14.70
Dimensions (mtrs)	1.80	4	126.72	13.53	15.17
Outlet Diameter (if applicable) (mtrs/sec)		5	153.72	13.00	15.92
Number of Sample Ports	2	6	172.08	13.70	14.86
Number of Samples per Axis / Port	6	7	N/A	N/A	N/A
Nozzle Diameter (mm)	6.0	8	N/A	N/A	N/A
Nozzle Area (m²)	0.00002826	**Average Isokinetic Flow Rate (ltrs/min)**		**Axis 1**	**Axis 2**
Stack Area (m²)	2.545			12.85	14.64

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1010	
						Static Pressure (pa)	
1	7.92	32	14.6	34	14.6	-15.00	
2	26.28	27	14.6	44	14.6	**1 Axis**	**2 Axis**
3	53.28	37	14.6	46	14.6	**Average Velocity Flow (Nm/s)**	
4	126.72	39	14.6	49	14.6	8.11	
5	153.72	36	14.6	54	14.6	**Average Volume Flow (Nm³/s)**	
6	172.08	40	14.6	47	14.6	20.63	
7	N/A					**Volume (Nm³/s)**	
8	N/A					19.28	21.98
						Velocity of flow (Nm/s)	
						7.58	8.64
Averages		35	14.6	46	14.6	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =		287.60	
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =		0.22 to	28.98
Highest Velocity Reading (m/s) =		9.4	
Lowest Velocity Reading (m/s) =		6.6	
Ratio Highest:Lowest (Max permitted = 3:1)		1.42 : 1	

On site Checklist		**Instrument**	**Serial No:**
Manometer Leak Check	ok	Manometer	RED 0095
Range of Gas Temps	ok	Temp Indicator	RED 0096
Leak Check (l/min)	<0.2	Thermocouple	RED 0274
Leak Check 2% Vol (l/min)	0.27	Pitot Tube	RED 0136
Swirl Test (<15°)	ok	Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Top Coat Booth 1 Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-240908-1			Q47-240908-2		
Date	06-Oct-08			06-Oct-08		
Sample Period	11:55	to	12:31	12:35	to	13:11
Velocity (Nm/s)	8.11					
Volume (Nm³/hr)	74268					
Average Stack Temp (°C)	14.00					
Permitted Temp Range (°C)	0.22		to			28.98
Lowest Velocity Reading (m/s)	6.61					
Highest Velocity Reading (m/s)	9.39					
Ratio (less than 3:1)	1.42		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.47					
Litres sampled	498			505		
Corrected volume sampled (m³)	0.470			0.476		
Blank Filter Run (mg/m³)	0.020					
Blank Filter Run (mg/m³)	0.399					
Particulate Concentration on Filter (mg/m³)	0.13			0.13		
Particulate Concentration in Wash (mg/m³)	3.13			3.07		
Total Particulate Concentration (mg/m³)	3.25			3.19		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.242			0.237		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	06/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Top Coat Booth 2 Exhaust
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	1.80
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	6
Nozzle Diameter (mm)	8.0
Nozzle Area (m²)	0.00005024
Stack Area (m²)	2.545

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	7.92	20.81	24.74
2	26.28	17.28	18.12
3	53.28	20.81	18.53
4	126.72	14.96	16.84
5	153.72	16.39	16.39
6	172.08	19.32	18.53
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		18.39	19.06

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1010	
						Static Pressure (pa)	
1	7.92	29	16.6	41	16.6	-38.00	
2	26.28	20	16.6	22	16.6	**1 Axis**	**2 Axis**
3	53.28	29	16.6	23	16.6	**Average Velocity Flow (Nm/s)**	
4	126.72	15	16.6	19	16.6	6.21	
5	153.72	18	16.6	18	16.6	**Average Volume Flow (Nm³/s)**	
6	172.08	25	16.6	23	16.6	15.81	
7	N/A					**Volume (Nm³/s)**	
8	N/A					15.53	16.09
						Velocity of flow (Nm/s)	
						6.10	6.32
Averages		23	16.6	24	16.6	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	289.60
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	2.12 to 31.08
Highest Velocity Reading (m/s) =	8.2
Lowest Velocity Reading (m/s) =	4.9
Ratio Highest Lowest (Max permitted = 3:1)	1.66 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.37
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Top Coat Booth 2 Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-240908-3			Q47-240908-4		
Date	06-Oct-08			06-Oct-08		
Sample Period	13:15	to	13:51	13:55	to	14:31
Velocity (Nm/s)	6.21					
Volume (Nm^3/hr)	56912					
Average Stack Temp (°C)	17.00					
Permitted Temp Range (°C)	2.12		to			31.08
Lowest Velocity Reading (m/s)	4.94					
Highest Velocity Reading (m/s)	8.21					
Ratio (less than 3:1)	1.66		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.42					
Litres sampled	690			694		
Corrected volume sampled (m^3)	0.658			0.662		
Blank Filter Run (mg/m^3)	0.014					
Blank Filter Run (mg/m^3)	0.289					
Particulate Concentration on Filter (mg/m^3)	0.03			0.05		
Particulate Concentration in Wash (mg/m^3)	2.22			2.34		
Total Particulate Concentration (mg/m^3)	2.25			2.39		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m^3)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.128			0.136		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	07/10/2008
Port Depth (cm)	
Operator(s)	Vicki Gavin & Tony Berek

Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284**	X

Stack Reference	Top Coat Flash Off Exhaust
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.90
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	8.0
Nozzle Area (m²)	0.00005024
Stack Area (m²)	0.636

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	13.14	31.05	27.94
2	76.86	29.79	30.80
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		30.43	29.40

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1012	
						Static Pressure (pa)	
1	13.14	63	24.2	51	24.2	-3.00	
2	76.86	58	24.2	62	24.2	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					9.92	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					6.31	
7	N/A					**Volume (Nm³/s)**	
8	N/A					6.42	6.21
						Velocity of flow (Nm/s)	
						10.09	9.75
Averages		61	24.2	57	24.2	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =			297.20
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	9.34	to	39.06
Highest Velocity Reading (m/s) =			10.3
Lowest Velocity Reading (m/s) =			9.2
Ratio Highest Lowest (Max permitted = 3:1)			1.12 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.60
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Top Coat Flash Off Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-240908-5			Q47-240908-6		
Date	07-Oct-08			07-Oct-08		
Sample Period	9:40	to	10:12	10:15	to	10:47
Velocity (Nm/s)	9.92					
Volume (Nm³/hr)	22728					
Average Stack Temp (°C)	24.00					
Permitted Temp Range (°C)	9.34		to		39.06	
Lowest Velocity Reading (m/s)	9.23					
Highest Velocity Reading (m/s)	10.30					
Ratio (less than 3:1)	1.12		:		1	
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.37					
Litres sampled	945			954		
Corrected volume sampled (m³)	0.898			0.904		
Blank Filter Run (mg/m³)	0.000					
Blank Filter Run (mg/m³)	0.003					
Particulate Concentration on Filter (mg/m³)	3.03			0.08		
Particulate Concentration in Wash (mg/m³)	2.66			0.82		
Total Particulate Concentration (mg/m³)	5.69			0.90		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.129			0.020		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	07/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Top Coat Curing Oven Exhaust
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.55
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	6.0
Nozzle Area (m²)	0.00002826
Stack Area (m²)	0.238

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	8.03	23.95	25.13
2	46.97	24.27	23.52
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		24.11	24.34

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1012	
						Static Pressure (pa)	
1	8.03	110	47.2	121	47.5	34.00	
2	46.97	113	47.2	106	47.4	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					14.29	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					3.39	
7	N/A					**Volume (Nm³/s)**	
8	N/A					3.38	3.41
						Velocity of flow (Nm/s)	
						14.22	14.35
Averages		112	47.2	114	47.5	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	320.33
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	31.31 to 63.34
Highest Velocity Reading (m/s) =	14.8
Lowest Velocity Reading (m/s) =	13.8
Ratio Highest:Lowest (Max permitted = 3:1)	1.07 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.48
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Top Coat Curing Oven Exhaust					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	O47-240908-7			0		
Date	07-Oct-08			07-Oct-08		
Sample Period	11:00	to	11:32	11:35	to	12:07
Velocity (Nm/s)	14.29					
Volume (Nm^3/hr)	12219					
Average Stack Temp (°C)	47.00					
Permitted Temp Range (°C)	31.31		to			63.34
Lowest Velocity Reading (m/s)	13.82					
Highest Velocity Reading (m/s)	14.81					
Ratio (less than 3:1)	1.07		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.34					
Litres sampled	725			746		
Corrected volume sampled (m^3)	0.680			0.690		
Blank Filter Run (mg/m^3)	0.014					
Blank Filter Run (mg/m^3)	0.272					
Particulate Concentration on Filter (mg/m^3)	0.15			0.14		
Particulate Concentration in Wash (mg/m^3)	1.68			1.41		
Total Particulate Concentration (mg/m^3)	1.82			1.55		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m^3)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.022			0.019		

Client	Terex Compact Equipment		
Site Address	Prologis Park, Coventry		
Job Number	P-RED08-108		
Date	08/10/2008	**Port Depth (cm)**	
Operator(s)	Vicki Gavin & Tony Berek		

	Isokinetic Sampling Method	**ISO 9096**	**BS EN 13284** X

Stack Reference	Offline Spray Bake / Prep booth Exhaust 1	**Isokinetic Sample Points (cms)**		**Isokinetic Flow (l/min)**	
				Axis 1	**Axis 2**
		1	10.95	27.28	29.09
Number of Stacks	1	2	64.05	27.81	27.90
Configuration (Round / Rectangular)	Round	3	N/A	N/A	N/A
Dimensions (mtrs)	0.75	4	N/A	N/A	N/A
Outlet Diameter (if applicable) (mtrs/sec)		5	N/A	N/A	N/A
Number of Sample Ports	2	6	N/A	N/A	N/A
Number of Samples per Axis / Port	2	7	N/A	N/A	N/A
Nozzle Diameter (mm)	6.0	8	N/A	N/A	N/A
Nozzle Area (m²)	0.00002826	**Average Isokinetic Flow Rate (ltrs/min)**		**Axis 1**	**Axis 2**
Stack Area (m²)	0.442			27.55	28.50

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**
Position	**Distance**	**Axis 1**	**Temperature**	**Axis 2**	**Temperature**	1020
No.	**(cms)**	**(pa)**	**(C)**	**(pa)**	**(C)**	**Static Pressure (pa)**
1	10.95	154	22.1	175	22.1	5.00
2	64.05	160	22.1	161	22.1	**1 Axis** **2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**
4	N/A					16.63
5	N/A					**Average Volume Flow (Nm³/s)**
6	N/A					7.30
7	N/A					**Volume (Nm³/s)**
8	N/A					7.18 7.43
						Velocity of flow (Nm/s)
						16.25 16.81
Averages		157	22.1	168	22.1	**Reduced Exit Velocity (m/s)**
						N/A N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	295.10
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	7.35 to 36.86
Highest Velocity Reading (m/s) =	17.2
Lowest Velocity Reading (m/s) =	16.0
Ratio Highest:Lowest (Max permitted = 3:1)	1.07 : 1

On site Checklist			**Instrument**	**Serial No:**
Manometer Leak Check	ok		Manometer	RED 0095
Range of Gas Temps	ok		Temp Indicator	RED 0096
Leak Check (l/min)	<0.2		Thermocouple	RED 0274
Leak Check 2⅓ Vol (l/min)	0.56		Pitot Tube	RED 0136
Swirl Test (<15°)	ok		Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Offline Spray Bake / Prep booth Exhaust 1					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-12			Q47-220908-13		
Date	08-Oct-08			08-Oct-08		
Sample Period	11:04	to	11:36	11:40	to	12:12
Velocity (Nm/s)	16.53					
Volume (Nm³/hr)	26285					
Average Stack Temp (°C)	22.00					
Permitted Temp Range (°C)	7.35		to		36.86	
Lowest Velocity Reading (m/s)	15.99					
Highest Velocity Reading (m/s)	17.15					
Ratio (less than 3:1)	1.07		:		1	
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.64					
Litres sampled	856			870		
Corrected volume sampled (m³)	0.800			0.813		
Blank Filter Run (mg/m³)	0.012					
Blank Filter Run (mg/m³)	0.232					
Particulate Concentration on Filter (mg/m³)	0.06			0.09		
Particulate Concentration in Wash (mg/m³)	0.67			0.81		
Total Particulate Concentration (mg/m³)	0.74			0.90		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.019			0.024		

Client	Terex Compact Equipment						
Site Address	Prologis Park, Coventry						
Job Number	P-RED08-108						
Date	08/10/2008			**Port Depth (cm)**			
Operator(s)	Vicki Gavin & Tony Berek						
				Isokinetic Sampling Method		ISO 9096	BS EN 13284 ☒
Stack Reference	Offline Spray Bake / Prep booth Exhaust 2			**Isokinetic Sample Points (cms)**		**Isokinetic Flow (l/min)**	
						Axis 1	**Axis 2**
				1	10.95	24.64	26.92
Number of Stacks		1		2	64.05	26.56	25.23
Configuration (Round / Rectangular)		Round		3	N/A	N/A	N/A
Dimensions (mtrs)		0.75		4	N/A	N/A	N/A
Outlet Diameter (if applicable) (mtrs/sec)				5	N/A	N/A	N/A
Number of Sample Ports		2		6	N/A	N/A	N/A
Number of Samples per Axis / Port		2		7	N/A	N/A	N/A
Nozzle Diameter (mm)		6.0		8	N/A	N/A	N/A
Nozzle Area (m²)		0.00002826		**Average Isokinetic Flow Rate (ltrs/min)**		**Axis 1**	**Axis 2**
Stack Area (m²)		0.442				25.62	26.09

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1020	
						Static Pressure (pa)	
1	10.95	124	26.0	148	26.0	33.00	
2	64.05	144	26.0	130	26.0	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					15.25	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					6.74	
7	N/A					**Volume (Nm³/s)**	
8	N/A					6.67	6.80
						Velocity of flow (Nm/s)	
						15.11	15.39
Averages		134	26.0	139	26.0	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	299.00
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	11.05 to 40.95
Highest Velocity Reading (m/s) =	15.9
Lowest Velocity Reading (m/s) =	14.4
Ratio Highest:Lowest (Max permitted = 3:1)	1.10 : 1

On site Checklist		**Instrument**	**Serial No:**
Manometer Leak Check	ok	Manometer	RED 0095
Range of Gas Temps	ok	Temp Indicator	RED 0096
Leak Check (l/min)	<0.2	Thermocouple	RED 0274
Leak Check 2% Vol (l/min)	0.52	Pitot Tube	RED 0136
Swirl Test (<15°)	ok	Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Offline Spray Bake / Prep booth Exhaust 2					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-14			Q47-220908-15		
Date	08-Oct-08			08-Oct-08		
Sample Period	12:15	to	12:47	12:50	to	13:22
Velocity (Nm/s)	15.25					
Volume (Nm³/hr)	24252					
Average Stack Temp (°C)	26.00					
Permitted Temp Range (°C)	11.05		to		40.95	
Lowest Velocity Reading (m/s)	14.44					
Highest Velocity Reading (m/s)	15.88					
Ratio (less than 3:1)	1.10		:		1	
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.64					
Litres sampled	804			784		
Corrected volume sampled (m³)	0.747			0.725		
Blank Filter Run (mg/m³)	0.013					
Blank Filter Run (mg/m³)	0.252					
Particulate Concentration on Filter (mg/m³)	0.25			0.10		
Particulate Concentration in Wash (mg/m³)	1.59			3.00		
Total Particulate Concentration (mg/m³)	1.85			3.10		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.045			0.075		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	09/10/2008
Port Depth (cm)	
Operator(s)	Vicki Gavin & Tony Berek

Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Genie 2 Spray Booth 2 Exhaust 1
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.70
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	8.0
Nozzle Area (m²)	0.00005024
Stack Area (m²)	0.385

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	10.22	25.25	27.77
2	59.78	33.35	31.52
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		29.58	29.70

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1035	
						Static Pressure (pa)	
1	10.22	43	13.5	52	13.5	-20.00	
2	59.78	75	13.5	67	13.5	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					9.83	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					3.78	
7	N/A					**Volume (Nm³/s)**	
8	N/A					3.78	3.79
						Velocity of flow (Nm/s)	
						9.81	9.85
Averages		59	13.5	60	13.5	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	286.50		
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	-0.82	**to**	27.83
Highest Velocity Reading (m/s) =	11.1		
Lowest Velocity Reading (m/s) =	8.3		
Ratio Highest Lowest (Max permitted = 3:1)	1.33 : 1		

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.59
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Genie 2 Spray Booth 2 Exhaust 1					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-20			Q47-220908-21		
Date	09-Oct-08			09-Oct-08		
Sample Period	8:37	to	9:09	9:11	to	9:43
Velocity (Nm/s)	9.83					
Volume (Nm³/hr)	13622					
Average Stack Temp (°C)	13.00					
Permitted Temp Range (°C)	-0.82		to			27.83
Lowest Velocity Reading (m/s)	8.32					
Highest Velocity Reading (m/s)	11.06					
Ratio (less than 3:1)	1.33		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	696			903		
Corrected volume sampled (m³)	0.648			0.838		
Blank Filter Run (mg/m³)	0.013					
Blank Filter Run (mg/m³)	0.250					
Particulate Concentration on Filter (mg/m³)	0.06			0.06		
Particulate Concentration in Wash (mg/m³)	1.79			2.23		
Total Particulate Concentration (mg/m³)	1.85			2.29		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.025			0.031		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	08/10/2008
Port Depth (cm)	
Operator(s)	Vicki Gavin & Tony Berek

Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Genie 2 Spray Booth 2 Exhaust 2
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.70
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	6.0
Nozzle Area (m²)	0.00002826
Stack Area (m²)	0.385

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	10.22	12.44	9.69
2	59.78	16.06	16.06
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		14.37	13.26

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1020	
						Static Pressure (pa)	
1	10.22	33	13.5	20	13.5	-67.00	
2	59.78	55	13.5	55	13.5	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					8.15	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					3.14	
7	N/A					**Volume (Nm³/s)**	
8	N/A					3.26	3.01
						Velocity of flow (Nm/s)	
						8.47	7.82
Averages		44	13.5	38	13.5	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	286.50
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	-0.82 to 27.83
Highest Velocity Reading (m/s) =	9.5
Lowest Velocity Reading (m/s) =	5.7
Ratio Highest:Lowest (Max permitted = 3:1)	1.67 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.28
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Genie 2 Spray Booth 2 Exhaust 2					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-16			Q47-220908-17		
Date	08-Oct-08			08-Oct-08		
Sample Period	13:25	to	13:57	14:00	to	14:32
Velocity (Nm/s)	8.15					
Volume (Nm³/hr)	11288					
Average Stack Temp (°C)	20.00					
Permitted Temp Range (°C)	-0.82		to			27.83
Lowest Velocity Reading (m/s)	5.68					
Highest Velocity Reading (m/s)	9.47					
Ratio (less than 3:1)	1.67		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	416			450		
Corrected volume sampled (m³)	0.385			0.412		
Blank Filter Run (mg/m³)	0.023					
Blank Filter Run (mg/m³)	0.462					
Particulate Concentration on Filter (mg/m³)	1.04			0.15		
Particulate Concentration in Wash (mg/m³)	3.43			2.55		
Total Particulate Concentration (mg/m³)	4.47			2.69		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.050			0.030		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	09/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** ☒

Stack Reference	Genie 2 Spray Booth 1 Exhaust 1
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.70
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	6.0
Nozzle Area (m²)	0.00002826
Stack Area (m²)	0.385

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	10.22	20.24	22.02
2	59.78	22.45	22.13
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		21.37	22.08

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1035	
						Static Pressure (pa)	
1	10.22	87	14.6	103	14.6	-44.00	
2	59.78	107	14.6	104	14.6	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					12.81	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					4.93	
7	N/A					**Volume (Nm³/s)**	
8	N/A					4.85	5.01
						Velocity of flow (Nm/s)	
						12.60	13.02
Averages		97	14.6	104	14.6	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	287.60
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	0.22 to 28.98
Highest Velocity Reading (m/s) =	13.2
Lowest Velocity Reading (m/s) =	11.9
Ratio Highest:Lowest (Max permitted = 3:1)	1.12 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2/3 Vol (l/min)	0.43
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Genie 2 Spray Booth 1 Exhaust 1					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-22			Q47-220908-23		
Date	09-Oct-08			09-Oct-08		
Sample Period	11:00	to	11:32	11:35	to	12:07
Velocity (Nm/s)	12.81					
Volume (Nm^3/hr)	17751					
Average Stack Temp (°C)	15.00					
Permitted Temp Range (°C)	0.22		to			28.98
Lowest Velocity Reading (m/s)	11.86					
Highest Velocity Reading (m/s)	13.24					
Ratio (less than 3:1)	1.12		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	702			708		
Corrected volume sampled (m^3)	0.645			0.648		
Blank Filter Run (mg/m^3)	0.014					
Blank Filter Run (mg/m^3)	0.284					
Particulate Concentration on Filter (mg/m^3)	0.12			0.06		
Particulate Concentration in Wash (mg/m^3)	2.50			2.16		
Total Particulate Concentration (mg/m^3)	2.62			2.22		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m^3)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.047			0.039		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	09/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284** X

Stack Reference	Genie 2 Spray Booth 1 Exhaust 2
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.70
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	6.0
Nozzle Area (m²)	0.00002826
Stack Area (m²)	0.385

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	10.22	17.90	18.55
2	59.78	21.05	21.49
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		19.54	20.08

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1035	
						Static Pressure (pa)	
1	10.22	68	14.9	73	14.9	-8.00	
2	59.78	94	14.9	98	14.9	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					11.68	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					4.50	
7	N/A					**Volume (Nm³/s)**	
8	N/A					4.44	4.56
						Velocity of flow (Nm/s)	
						11.52	11.84
Averages		81	14.9	86	14.9	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	287.90
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	0.50 to 29.30
Highest Velocity Reading (m/s) =	12.7
Lowest Velocity Reading (m/s) =	10.5
Ratio Highest:Lowest (Max permitted = 3:1)	1.21 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.40
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Genie 2 Spray Booth 1 Exhaust 2					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-18			Q47-220908-19		
Date	09-Oct-08			09-Oct-08		
Sample Period	9:48	to	10:20	10:23	to	10:55
Velocity (Nm/s)	11.68					
Volume (Nm^3/hr)	16185					
Average Stack Temp (°C)	14.00					
Permitted Temp Range (°C)	0.50		to		29.30	
Lowest Velocity Reading (m/s)	10.49					
Highest Velocity Reading (m/s)	12.68					
Ratio (less than 3:1)	1.21		:		1	
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	629			617		
Corrected volume sampled (m^3)	0.584			0.570		
Blank Filter Run (mg/m^3)	0.016					
Blank Filter Run (mg/m^3)	0.321					
Particulate Concentration on Filter (mg/m^3)	0.94			0.05		
Particulate Concentration in Wash (mg/m^3)	1.80			1.81		
Total Particulate Concentration (mg/m^3)	2.74			1.86		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m^3)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.044			0.030		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	09/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284**	X

Stack Reference	Genie 1 Spray Booth 1
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.70
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	6.0
Nozzle Area (m²)	0.00002826
Stack Area (m²)	0.385

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	10.22	16.67	15.47
2	59.78	19.08	18.70
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		17.91	17.16

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1035	
						Static Pressure (pa)	
1	10.22	58	19.5	50	19.5	15.00	
2	59.78	76	19.5	73	19.5	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					10.34	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					3.98	
7	N/A					**Volume (Nm³/s)**	
8	N/A					4.07	3.90
						Velocity of flow (Nm/s)	
						10.56	10.12
Averages		67	19.5	62	19.5	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	292.50
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	4.88 to 34.13
Highest Velocity Reading (m/s) =	11.3
Lowest Velocity Reading (m/s) =	9.1
Ratio Highest:Lowest (Max permitted = 3:1)	1.24 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.35
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Genie 1 Spray Booth 1					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-26			Q47-220908-27		
Date	09-Oct-08			09-Oct-08		
Sample Period	13:37	to	14:09	14:15	to	14:47
Velocity (Nm/s)	10.34					
Volume (Nm^3/hr)	14330					
Average Stack Temp (°C)	19.00					
Permitted Temp Range (°C)	4.88		to			34.13
Lowest Velocity Reading (m/s)	9.07					
Highest Velocity Reading (m/s)	11.25					
Ratio (less than 3:1)	1.24		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	573			573		
Corrected volume sampled (m^3)	0.523			0.526		
Blank Filter Run (mg/m^3)	0.017					
Blank Filter Run (mg/m^3)	0.349					
Particulate Concentration on Filter (mg/m^3)	0.11			0.17		
Particulate Concentration in Wash (mg/m^3)	2.39			9.18		
Total Particulate Concentration (mg/m^3)	2.50			9.35		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m^3)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.036			0.134		

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108
Date	09/10/2008
Operator(s)	Vicki Gavin & Tony Berek

Port Depth (cm)			
Isokinetic Sampling Method	**ISO 9096**		**BS EN 13284**	X

Stack Reference	Genie 1 Spray Booth 2
Number of Stacks	1
Configuration (Round / Rectangular)	Round
Dimensions (mtrs)	0.70
Outlet Diameter (if applicable) (mtrs/sec)	
Number of Sample Ports	2
Number of Samples per Axis / Port	2
Nozzle Diameter (mm)	8.0
Nozzle Area (m²)	0.00005024
Stack Area (m²)	0.385

Isokinetic Sample Points (cms)		**Isokinetic Flow (l/min)**	
		Axis 1	**Axis 2**
1	10.22	29.73	24.17
2	59.78	25.38	27.64
3	N/A	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	N/A	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
Average Isokinetic Flow Rate (ltrs/min)		**Axis 1**	**Axis 2**
		27.64	25.96

Pitot Coefficient	1	**Pitot Calibration Date**		25th March 2008		**Atmos. Pressure (mbars)**	
Position No.	**Distance (cms)**	**Axis 1 (pa)**	**Temperature (C)**	**Axis 2 (pa)**	**Temperature (C)**	1035	
						Static Pressure (pa)	
1	10.22	59	16.4	39	16.4	-9.00	
2	59.78	43	16.4	51	16.4	**1 Axis**	**2 Axis**
3	N/A					**Average Velocity Flow (Nm/s)**	
4	N/A					8.89	
5	N/A					**Average Volume Flow (Nm³/s)**	
6	N/A					3.42	
7	N/A					**Volume (Nm³/s)**	
8	N/A					3.53	3.31
						Velocity of flow (Nm/s)	
						9.17	8.61
Averages		51	16.4	45	16.4	**Reduced Exit Velocity (m/s)**	
						N/A	N/A

Mean Flue Gas Temp (in K) Tp = ((Mean T1 + Mean T2)/2)+273)) =	289.40
Permitted Range of gas temperature readings (C) = (0.95Tp-273) to (1.05Tp-273) =	1.93 to 30.87
Highest Velocity Reading (m/s) =	9.9
Lowest Velocity Reading (m/s) =	8.0
Ratio Highest:Lowest (Max permitted = 3:1)	1.24 : 1

On site Checklist	
Manometer Leak Check	ok
Range of Gas Temps	ok
Leak Check (l/min)	<0.2
Leak Check 2% Vol (l/min)	0.54
Swirl Test (<15°)	ok

Instrument	**Serial No:**
Manometer	RED 0095
Temp Indicator	RED 0096
Thermocouple	RED 0274
Pitot Tube	RED 0136
Sample Pump	Zambelli Grey (RED 0196)

Stack Reference ID	Genie 1 Spray Booth 2					
	Terex Compact Equipment					
	RUN 1			RUN 2		
Filter Reference No	Q47-220908-24			Q47-220908-25		
Date	09-Oct-08			09-Oct-08		
Sample Period	12:26	to	12:58	13:00	to	13:32
Velocity (Nm/s)	8.89					
Volume (Nm³/hr)	12317					
Average Stack Temp (°C)	16.00					
Permitted Temp Range (°C)	1.93		to			30.87
Lowest Velocity Reading (m/s)	7.97					
Highest Velocity Reading (m/s)	9.86					
Ratio (less than 3:1)	1.24		:			1
Oxygen %	20.9					
Carbon Dioxide %	0.00					
Moisture (%)	0.62					
Litres sampled	862			868		
Corrected volume sampled (m³)	0.789			0.789		
Blank Filter Run (mg/m³)	0.012					
Blank Filter Run (mg/m³)	0.231					
Particulate Concentration on Filter (mg/m³)	1.17			1.42		
Particulate Concentration in Wash (mg/m³)	1.15			2.12		
Total Particulate Concentration (mg/m³)	2.32			3.54		
Total Particulate Concentration corrected for Oxygen, dry gas (mg/m³)	N/A			N/A		
Total Particulate Mass Emission (kg/hour)	0.029			0.044		

APPENDIX B

VOC Raw Data

Primer Booth 1

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
07-Oct-08	13:34:50	6.43	07-Oct-08	14:23:50	12.86
07-Oct-08	13:35:50	9.32	07-Oct-08	14:24:50	13.18
07-Oct-08	13:36:50	6.43	07-Oct-08	14:25:50	13.82
07-Oct-08	13:37:50	4.18	07-Oct-08	14:26:50	15.43
07-Oct-08	13:38:50	3.54	07-Oct-08	14:27:50	13.82
07-Oct-08	13:39:50	1.48	07-Oct-08	14:28:50	13.82
07-Oct-08	13:40:50	3.21	07-Oct-08	14:29:50	15.11
07-Oct-08	13:41:50	3.21	07-Oct-08	14:30:50	13.50
07-Oct-08	13:42:50	3.21	07-Oct-08	14:31:50	13.82
07-Oct-08	13:43:50	3.21	07-Oct-08	14:32:50	11.57
07-Oct-08	13:44:50	3.21	07-Oct-08	14:33:50	12.54
07-Oct-08	13:45:50	3.21	07-Oct-08	14:34:50	11.57
07-Oct-08	13:46:50	3.21			
07-Oct-08	13:47:50	3.21			
07-Oct-08	13:48:50	3.21	**Average**		**7.24**
07-Oct-08	13:49:50	3.21			
07-Oct-08	13:50:50	3.21			
07-Oct-08	13:51:50	3.21			
07-Oct-08	13:52:50	3.21			
07-Oct-08	13:53:50	3.21			
07-Oct-08	13:54:50	3.21			
07-Oct-08	13:55:50	3.21			
07-Oct-08	13:56:50	3.21			
07-Oct-08	13:57:50	3.21			
07-Oct-08	13:58:50	3.21			
07-Oct-08	13:59:50	3.21			
07-Oct-08	14:00:50	3.21			
07-Oct-08	14:01:50	3.21			
07-Oct-08	14:02:50	3.21			
07-Oct-08	14:03:50	3.21			
07-Oct-08	14:04:50	3.21			
07-Oct-08	14:05:50	3.21			
07-Oct-08	14:06:50	3.21			
07-Oct-08	14:07:50	3.21			
07-Oct-08	14:08:50	3.21			
07-Oct-08	14:09:50	3.21			
07-Oct-08	14:10:50	4.82			
07-Oct-08	14:11:50	0.00			
07-Oct-08	14:12:50	10.29			
07-Oct-08	14:13:50	14.14			
07-Oct-08	14:14:50	14.14			
07-Oct-08	14:15:50	14.14			
07-Oct-08	14:16:50	13.18			
07-Oct-08	14:17:50	12.86			
07-Oct-08	14:18:50	12.86			
07-Oct-08	14:19:50	12.86			
07-Oct-08	14:20:50	13.50			
07-Oct-08	14:21:50	13.18			
07-Oct-08	14:22:50	12.21			

Primer Booth 2

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
07-Oct-08	14:35:19	10.61	30-Oct-07	12:21:01	2.49
07-Oct-08	14:36:19	23.46	30-Oct-07	12:22:01	2.17
07-Oct-08	14:37:19	22.82			
07-Oct-08	14:38:19	22.18			
07-Oct-08	14:39:19	24.11			
07-Oct-08	14:40:19	24.75			
07-Oct-08	14:41:19	24.43			
07-Oct-08	14:42:19	21.54			
07-Oct-08	14:43:19	20.57			
07-Oct-08	14:44:19	19.29			
07-Oct-08	14:45:19	17.36			
07-Oct-08	14:46:19	17.36			
07-Oct-08	14:47:19	16.71			
07-Oct-08	14:48:19	17.04			
07-Oct-08	14:49:19	16.71	**Average**		**20.10**
07-Oct-08	14:50:19	14.14			
07-Oct-08	14:51:19	15.75			
07-Oct-08	14:52:19	19.61			
07-Oct-08	14:53:19	21.54			
07-Oct-08	14:54:19	21.54			
07-Oct-08	14:55:19	18.64			
07-Oct-08	14:56:19	14.46			
07-Oct-08	14:57:19	20.25			
07-Oct-08	14:58:19	26.04			
07-Oct-08	14:59:19	23.79			
07-Oct-08	15:00:19	23.46			
07-Oct-08	15:01:19	22.82			
07-Oct-08	15:02:19	17.36			
07-Oct-08	15:03:19	22.82			
07-Oct-08	15:04:19	27.32			
07-Oct-08	15:05:19	27.32			
07-Oct-08	15:06:19	26.04			
07-Oct-08	15:07:19	24.43			
07-Oct-08	15:08:19	25.07			
07-Oct-08	15:09:19	24.43			
07-Oct-08	15:10:19	24.75			
07-Oct-08	15:11:19	22.82			
07-Oct-08	15:12:19	25.07			
07-Oct-08	15:13:19	27.00			
07-Oct-08	15:14:19	30.86			
07-Oct-08	15:15:19	26.36			
07-Oct-08	15:16:19	26.04			
07-Oct-08	15:17:19	25.71			
07-Oct-08	15:18:19	22.82			
07-Oct-08	15:19:19	21.21			
07-Oct-08	15:20:19	21.21			
30-Oct-07	12:18:01	2.17			
30-Oct-07	12:19:01	2.01			
30-Oct-07	12:20:01	2.81			

Primer Flash off

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
07-Oct-08	12:25:11	31.82	07-Oct-08	13:14:11	17.04
07-Oct-08	12:26:11	33.11	07-Oct-08	13:15:11	18.32
07-Oct-08	12:27:11	33.11	07-Oct-08	13:16:11	18.00
07-Oct-08	12:28:11	33.75	07-Oct-08	13:17:11	17.68
07-Oct-08	12:29:11	34.07	07-Oct-08	13:18:11	18.00
07-Oct-08	12:30:11	34.39	07-Oct-08	13:19:11	17.68
07-Oct-08	12:31:11	34.71	07-Oct-08	13:20:11	17.04
07-Oct-08	12:32:11	34.71	07-Oct-08	13:21:11	16.39
07-Oct-08	12:33:11	34.07	07-Oct-08	13:22:11	16.39
07-Oct-08	12:34:11	34.39	07-Oct-08	13:23:11	17.04
07-Oct-08	12:35:11	35.04	07-Oct-08	13:24:11	18.00
07-Oct-08	12:36:11	34.71	07-Oct-08	13:25:11	18.96
07-Oct-08	12:37:11	34.71			
07-Oct-08	12:38:11	33.75			
07-Oct-08	12:39:11	33.43	**Average**		**28.69**
07-Oct-08	12:40:11	34.07			
07-Oct-08	12:41:11	34.71			
07-Oct-08	12:42:11	33.75			
07-Oct-08	12:43:11	34.39			
07-Oct-08	12:44:11	34.71			
07-Oct-08	12:45:11	34.07			
07-Oct-08	12:46:11	34.71			
07-Oct-08	12:47:11	35.36			
07-Oct-08	12:48:11	35.04			
07-Oct-08	12:49:11	34.71			
07-Oct-08	12:50:11	34.71			
07-Oct-08	12:51:11	35.04			
07-Oct-08	12:52:11	35.04			
07-Oct-08	12:53:11	34.71			
07-Oct-08	12:54:11	34.71			
07-Oct-08	12:55:11	35.04			
07-Oct-08	12:56:11	33.75			
07-Oct-08	12:57:11	11.25			
07-Oct-08	12:58:11	12.86			
07-Oct-08	12:59:11	37.61			
07-Oct-08	13:00:11	34.07			
07-Oct-08	13:01:11	33.75			
07-Oct-08	13:02:11	34.71			
07-Oct-08	13:03:11	33.75			
07-Oct-08	13:04:11	33.43			
07-Oct-08	13:05:11	33.43			
07-Oct-08	13:06:11	34.07			
07-Oct-08	13:07:11	21.21			
07-Oct-08	13:08:11	17.68			
07-Oct-08	13:09:11	19.61			
07-Oct-08	13:10:11	18.96			
07-Oct-08	13:11:11	18.96			
07-Oct-08	13:12:11	17.04			
07-Oct-08	13:13:11	18.00			

TopCoat Spray Booth 1

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
06-Oct-08	12:33:35	16.39	06-Oct-08	13:22:35	36.00
06-Oct-08	12:34:35	17.04	06-Oct-08	13:23:35	34.39
06-Oct-08	12:35:35	11.89	06-Oct-08	13:24:35	30.86
06-Oct-08	12:36:35	10.61	06-Oct-08	13:25:35	30.54
06-Oct-08	12:37:35	10.29	06-Oct-08	13:26:35	28.61
06-Oct-08	12:38:35	9.64	06-Oct-08	13:27:35	27.00
06-Oct-08	12:39:35	9.64	06-Oct-08	13:28:35	26.04
06-Oct-08	12:40:35	9.64	06-Oct-08	13:29:35	26.04
06-Oct-08	12:41:35	9.32	06-Oct-08	13:30:35	25.07
06-Oct-08	12:42:35	9.00	06-Oct-08	13:31:35	23.14
06-Oct-08	12:43:35	9.00	06-Oct-08	13:32:35	23.79
06-Oct-08	12:44:35	9.00			
06-Oct-08	12:45:35	8.68			
06-Oct-08	12:46:35	8.68			
06-Oct-08	12:47:35	9.00	**Average**		**17.16**
06-Oct-08	12:48:35	8.68			
06-Oct-08	12:49:35	8.36			
06-Oct-08	12:50:35	8.36			
06-Oct-08	12:51:35	8.68			
06-Oct-08	12:52:35	8.04			
06-Oct-08	12:53:35	8.36			
06-Oct-08	12:54:35	8.36			
06-Oct-08	12:55:35	8.36			
06-Oct-08	12:56:35	8.04			
06-Oct-08	12:57:35	8.36			
06-Oct-08	12:58:35	8.36			
06-Oct-08	12:59:35	7.71			
06-Oct-08	13:00:35	8.04			
06-Oct-08	13:01:35	8.04			
06-Oct-08	13:02:35	7.71			
06-Oct-08	13:03:35	7.71			
06-Oct-08	13:04:35	9.64			
06-Oct-08	13:05:35	10.93			
06-Oct-08	13:06:35	19.29			
06-Oct-08	13:07:35	22.18			
06-Oct-08	13:08:35	24.11			
06-Oct-08	13:09:35	27.00			
06-Oct-08	13:10:35	10.29			
06-Oct-08	13:11:35	19.29			
06-Oct-08	13:12:35	19.61			
06-Oct-08	13:13:35	32.46			
06-Oct-08	13:14:35	31.50			
06-Oct-08	13:15:35	29.25			
06-Oct-08	13:16:35	28.93			
06-Oct-08	13:17:35	29.25			
06-Oct-08	13:18:35	27.00			
06-Oct-08	13:19:35	26.04			
06-Oct-08	13:20:35	25.39			
06-Oct-08	13:21:35	30.21			

TopCoat Spray Booth 2

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
06-Oct-08	13:34:04	135.00	06-Oct-08	14:23:04	71.04
06-Oct-08	13:35:04	157.02	06-Oct-08	14:24:04	153.64
06-Oct-08	13:36:04	99.32	06-Oct-08	14:25:04	95.46
06-Oct-08	13:37:04	64.93	06-Oct-08	14:26:04	76.50
06-Oct-08	13:38:04	55.93	06-Oct-08	14:27:04	64.93
06-Oct-08	13:39:04	49.18	06-Oct-08	14:28:04	89.68
06-Oct-08	13:40:04	45.00	06-Oct-08	14:29:04	122.14
06-Oct-08	13:41:04	42.11	06-Oct-08	14:30:04	139.50
06-Oct-08	13:42:04	40.82	06-Oct-08	14:31:04	136.61
06-Oct-08	13:43:04	39.21	06-Oct-08	14:32:04	114.11
06-Oct-08	13:44:04	36.96	06-Oct-08	14:33:04	62.68
06-Oct-08	13:45:04	101.89	06-Oct-08	14:34:04	49.18
06-Oct-08	13:46:04	149.79			
06-Oct-08	13:47:04	151.07			
06-Oct-08	13:48:04	92.25	**Average**		**59.63**
06-Oct-08	13:49:04	61.07			
06-Oct-08	13:50:04	49.82			
06-Oct-08	13:51:04	44.04			
06-Oct-08	13:52:04	39.86			
06-Oct-08	13:53:04	37.29			
06-Oct-08	13:54:04	35.36			
06-Oct-08	13:55:04	33.75			
06-Oct-08	13:56:04	31.82			
06-Oct-08	13:57:04	30.86			
06-Oct-08	13:58:04	30.54			
06-Oct-08	13:59:04	28.61			
06-Oct-08	14:00:04	26.04			
06-Oct-08	14:01:04	25.07			
06-Oct-08	14:02:04	24.43			
06-Oct-08	14:03:04	23.46			
06-Oct-08	14:04:04	22.82			
06-Oct-08	14:05:04	22.50			
06-Oct-08	14:06:04	21.86			
06-Oct-08	14:07:04	21.21			
06-Oct-08	14:08:04	21.21			
06-Oct-08	14:09:04	20.57			
06-Oct-08	14:10:04	19.93			
06-Oct-08	14:11:04	19.61			
06-Oct-08	14:12:04	19.61			
06-Oct-08	14:13:04	18.96			
06-Oct-08	14:14:04	18.64			
06-Oct-08	14:15:04	18.64			
06-Oct-08	14:16:04	18.32			
06-Oct-08	14:17:04	18.00			
06-Oct-08	14:18:04	18.00			
06-Oct-08	14:19:04	17.68			
06-Oct-08	14:20:04	93.86			
06-Oct-08	14:21:04	144.00			
06-Oct-08	14:22:04	154.29			

TopCoat Flash-off

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
07-Oct-08	09:35:38	0.00	07-Oct-08	10:24:38	0.00
07-Oct-08	09:36:38	0.00	07-Oct-08	10:25:38	0.00
07-Oct-08	09:37:38	0.00	07-Oct-08	10:26:38	0.00
07-Oct-08	09:38:38	0.32	07-Oct-08	10:27:38	0.00
07-Oct-08	09:39:38	0.64	07-Oct-08	10:28:38	0.00
07-Oct-08	09:40:38	0.96	07-Oct-08	10:29:38	0.32
07-Oct-08	09:41:38	0.96	07-Oct-08	10:30:38	0.96
07-Oct-08	09:42:38	0.96	07-Oct-08	10:31:38	1.29
07-Oct-08	09:43:38	0.96	07-Oct-08	10:32:38	1.29
07-Oct-08	09:44:38	0.96	07-Oct-08	10:33:38	0.64
07-Oct-08	09:45:38	0.32	07-Oct-08	10:34:38	0.00
07-Oct-08	09:46:38	0.64	07-Oct-08	10:35:38	0.96
07-Oct-08	09:47:38	0.00			
07-Oct-08	09:48:38	0.00			
07-Oct-08	09:49:38	0.00	**Average**		**0.87**
07-Oct-08	09:50:38	0.00			
07-Oct-08	09:51:38	0.00			
07-Oct-08	09:52:38	0.00			
07-Oct-08	09:53:38	0.00			
07-Oct-08	09:54:38	0.00			
07-Oct-08	09:55:38	0.00			
07-Oct-08	09:56:38	0.96			
07-Oct-08	09:57:38	2.57			
07-Oct-08	09:58:38	3.54			
07-Oct-08	09:59:38	3.54			
07-Oct-08	10:00:38	3.21			
07-Oct-08	10:01:38	2.57			
07-Oct-08	10:02:38	1.61			
07-Oct-08	10:03:38	0.96			
07-Oct-08	10:04:38	0.96			
07-Oct-08	10:05:38	1.29			
07-Oct-08	10:06:38	1.61			
07-Oct-08	10:07:38	1.93			
07-Oct-08	10:08:38	1.93			
07-Oct-08	10:09:38	1.61			
07-Oct-08	10:10:38	1.29			
07-Oct-08	10:11:38	0.96			
07-Oct-08	10:12:38	1.29			
07-Oct-08	10:13:38	1.61			
07-Oct-08	10:14:38	1.61			
07-Oct-08	10:15:38	1.29			
07-Oct-08	10:16:38	0.96			
07-Oct-08	10:17:38	0.96			
07-Oct-08	10:18:38	0.64			
07-Oct-08	10:19:38	0.64			
07-Oct-08	10:20:38	0.32			
07-Oct-08	10:21:38	0.00			
07-Oct-08	10:22:38	0.00			
07-Oct-08	10:23:38	0.00			

TopCoat Curing Oven

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
07-Oct-08	11:00:41	41.46	07-Oct-08	11:49:41	15.75
07-Oct-08	11:01:41	49.18	07-Oct-08	11:50:41	15.11
07-Oct-08	11:02:41	36.64	07-Oct-08	11:51:41	15.11
07-Oct-08	11:03:41	35.04	07-Oct-08	11:52:41	14.79
07-Oct-08	11:04:41	41.14	07-Oct-08	11:53:41	14.79
07-Oct-08	11:05:41	30.21	07-Oct-08	11:54:41	14.46
07-Oct-08	11:06:41	31.82	07-Oct-08	11:55:41	14.46
07-Oct-08	11:07:41	52.71	07-Oct-08	11:56:41	13.18
07-Oct-08	11:08:41	128.57	07-Oct-08	11:57:41	13.82
07-Oct-08	11:09:41	47.57	07-Oct-08	11:58:41	13.82
07-Oct-08	11:10:41	33.43	07-Oct-08	11:59:41	13.50
07-Oct-08	11:11:41	47.25	07-Oct-08	12:00:41	13.50
07-Oct-08	11:12:41	85.82			
07-Oct-08	11:13:41	62.68			
07-Oct-08	11:14:41	97.07	**Average**		**35.67**
07-Oct-08	11:15:41	72.64			
07-Oct-08	11:16:41	79.71			
07-Oct-08	11:17:41	81.32			
07-Oct-08	11:18:41	74.89			
07-Oct-08	11:19:41	68.14			
07-Oct-08	11:20:41	60.75			
07-Oct-08	11:21:41	54.00			
07-Oct-08	11:22:41	48.54			
07-Oct-08	11:23:41	43.07			
07-Oct-08	11:24:41	39.21			
07-Oct-08	11:25:41	36.64			
07-Oct-08	11:26:41	33.75			
07-Oct-08	11:27:41	31.50			
07-Oct-08	11:28:41	29.57			
07-Oct-08	11:29:41	27.96			
07-Oct-08	11:30:41	25.71			
07-Oct-08	11:31:41	27.32			
07-Oct-08	11:32:41	25.07			
07-Oct-08	11:33:41	23.79			
07-Oct-08	11:34:41	23.14			
07-Oct-08	11:35:41	22.18			
07-Oct-08	11:36:41	21.21			
07-Oct-08	11:37:41	20.57			
07-Oct-08	11:38:41	20.25			
07-Oct-08	11:39:41	19.93			
07-Oct-08	11:40:41	19.61			
07-Oct-08	11:41:41	18.96			
07-Oct-08	11:42:41	18.64			
07-Oct-08	11:43:41	18.32			
07-Oct-08	11:44:41	17.68			
07-Oct-08	11:45:41	17.36			
07-Oct-08	11:46:41	17.04			
07-Oct-08	11:47:41	17.04			
07-Oct-08	11:48:41	16.39			

Spray Bake Booth 1

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
08-Oct-08	09:39:47	11.49	08-Oct-08	10:28:47	9.56
08-Oct-08	09:40:47	11.33	08-Oct-08	10:29:47	9.40
08-Oct-08	09:41:47	11.17	08-Oct-08	10:30:47	9.56
08-Oct-08	09:42:47	11.17	08-Oct-08	10:31:47	9.72
08-Oct-08	09:43:47	11.09	08-Oct-08	10:32:47	9.72
08-Oct-08	09:44:47	10.69	08-Oct-08	10:33:47	9.88
08-Oct-08	09:45:47	10.61	08-Oct-08	10:34:47	9.88
08-Oct-08	09:46:47	10.53	08-Oct-08	10:35:47	10.29
08-Oct-08	09:47:47	10.29	08-Oct-08	10:36:47	9.88
08-Oct-08	09:48:47	10.29	08-Oct-08	10:37:47	10.04
08-Oct-08	09:49:47	9.88	08-Oct-08	10:38:47	10.04
08-Oct-08	09:50:47	9.72	08-Oct-08	10:39:47	10.13
08-Oct-08	09:51:47	9.56			
08-Oct-08	09:52:47	9.88			
08-Oct-08	09:53:47	9.72	**Average**		**9.41**
08-Oct-08	09:54:47	9.56			
08-Oct-08	09:55:47	9.56			
08-Oct-08	09:56:47	9.56			
08-Oct-08	09:57:47	9.24			
08-Oct-08	09:58:47	9.08			
08-Oct-08	09:59:47	9.40			
08-Oct-08	10:00:47	8.76			
08-Oct-08	10:01:47	8.76			
08-Oct-08	10:02:47	8.76			
08-Oct-08	10:03:47	8.44			
08-Oct-08	10:04:47	8.76			
08-Oct-08	10:05:47	8.92			
08-Oct-08	10:06:47	8.76			
08-Oct-08	10:07:47	8.20			
08-Oct-08	10:08:47	8.28			
08-Oct-08	10:09:47	8.44			
08-Oct-08	10:10:47	9.08			
08-Oct-08	10:11:47	8.44			
08-Oct-08	10:12:47	8.12			
08-Oct-08	10:13:47	8.60			
08-Oct-08	10:14:47	8.12			
08-Oct-08	10:15:47	7.96			
08-Oct-08	10:16:47	8.60			
08-Oct-08	10:17:47	8.44			
08-Oct-08	10:18:47	8.76			
08-Oct-08	10:19:47	8.76			
08-Oct-08	10:20:47	8.60			
08-Oct-08	10:21:47	8.44			
08-Oct-08	10:22:47	8.44			
08-Oct-08	10:23:47	8.76			
08-Oct-08	10:24:47	8.92			
08-Oct-08	10:25:47	9.24			
08-Oct-08	10:26:47	9.08			
08-Oct-08	10:27:47	9.40			

Spray Bake Booth 2

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
08-Oct-08	10:44:36	10.37	08-Oct-08	11:33:36	19.45
08-Oct-08	10:45:36	13.10	08-Oct-08	11:34:36	19.37
08-Oct-08	10:46:36	13.58	08-Oct-08	11:35:36	19.85
08-Oct-08	10:47:36	14.06	08-Oct-08	11:36:36	17.44
08-Oct-08	10:48:36	14.22	08-Oct-08	11:37:36	17.44
08-Oct-08	10:49:36	13.74	08-Oct-08	11:38:36	18.56
08-Oct-08	10:50:36	14.38	08-Oct-08	11:39:36	17.28
08-Oct-08	10:51:36	15.83	08-Oct-08	11:40:36	18.24
08-Oct-08	10:52:36	12.29	08-Oct-08	11:41:36	19.21
08-Oct-08	10:53:36	15.83	08-Oct-08	11:42:36	19.21
08-Oct-08	10:54:36	15.99	08-Oct-08	11:43:36	21.05
08-Oct-08	10:55:36	17.76	08-Oct-08	11:44:36	18.08
08-Oct-08	10:56:36	17.12			
08-Oct-08	10:57:36	15.99			
08-Oct-08	10:58:36	15.51	**Average**		**21.70**
08-Oct-08	10:59:36	15.83			
08-Oct-08	11:00:36	15.51			
08-Oct-08	11:01:36	15.83			
08-Oct-08	11:02:36	16.31			
08-Oct-08	11:03:36	16.47			
08-Oct-08	11:04:36	16.79			
08-Oct-08	11:05:36	17.92			
08-Oct-08	11:06:36	30.05			
08-Oct-08	11:07:36	31.50			
08-Oct-08	11:08:36	31.02			
08-Oct-08	11:09:36	33.43			
08-Oct-08	11:10:36	32.30			
08-Oct-08	11:11:36	30.70			
08-Oct-08	11:12:36	30.70			
08-Oct-08	11:13:36	32.14			
08-Oct-08	11:14:36	30.38			
08-Oct-08	11:15:36	31.98			
08-Oct-08	11:16:36	32.95			
08-Oct-08	11:17:36	32.46			
08-Oct-08	11:18:36	33.59			
08-Oct-08	11:19:36	32.46			
08-Oct-08	11:20:36	30.86			
08-Oct-08	11:21:36	31.18			
08-Oct-08	11:22:36	31.02			
08-Oct-08	11:23:36	30.70			
08-Oct-08	11:24:36	32.79			
08-Oct-08	11:25:36	22.02			
08-Oct-08	11:26:36	17.44			
08-Oct-08	11:27:36	18.56			
08-Oct-08	11:28:36	19.04			
08-Oct-08	11:29:36	21.62			
08-Oct-08	11:30:36	18.88			
08-Oct-08	11:31:36	19.04			
08-Oct-08	11:32:36	19.85			

Paint Kitchen

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
06-Oct-08	11:32:04	5.14	06-Oct-08	12:21:04	13.18
06-Oct-08	11:33:04	8.36	06-Oct-08	12:22:04	12.54
06-Oct-08	11:34:04	9.64	06-Oct-08	12:23:04	12.86
06-Oct-08	11:35:04	9.64	06-Oct-08	12:24:04	12.86
06-Oct-08	11:36:04	10.29	06-Oct-08	12:25:04	12.54
06-Oct-08	11:37:04	10.29	06-Oct-08	12:26:04	12.54
06-Oct-08	11:38:04	10.61	06-Oct-08	12:27:04	12.54
06-Oct-08	11:39:04	10.61	06-Oct-08	12:28:04	12.86
06-Oct-08	11:40:04	10.61	06-Oct-08	12:29:04	12.54
06-Oct-08	11:41:04	10.29	06-Oct-08	12:30:04	12.86
06-Oct-08	11:42:04	10.61	06-Oct-08	12:31:04	12.54
06-Oct-08	11:43:04	10.29	06-Oct-08	12:32:04	12.54
06-Oct-08	11:44:04	10.61			
06-Oct-08	11:45:04	10.61			
06-Oct-08	11:46:04	10.93	**Average**		**13.41**
06-Oct-08	11:47:04	11.25			
06-Oct-08	11:48:04	14.14			
06-Oct-08	11:49:04	14.79			
06-Oct-08	11:50:04	15.11			
06-Oct-08	11:51:04	15.75			
06-Oct-08	11:52:04	15.75			
06-Oct-08	11:53:04	15.75			
06-Oct-08	11:54:04	16.07			
06-Oct-08	11:55:04	16.07			
06-Oct-08	11:56:04	16.39			
06-Oct-08	11:57:04	16.07			
06-Oct-08	11:58:04	16.39			
06-Oct-08	11:59:04	16.71			
06-Oct-08	12:00:04	16.39			
06-Oct-08	12:01:04	17.04			
06-Oct-08	12:02:04	17.04			
06-Oct-08	12:03:04	17.36			
06-Oct-08	12:04:04	17.36			
06-Oct-08	12:05:04	18.00			
06-Oct-08	12:06:04	16.07			
06-Oct-08	12:07:04	14.46			
06-Oct-08	12:08:04	14.14			
06-Oct-08	12:09:04	14.14			
06-Oct-08	12:10:04	13.82			
06-Oct-08	12:11:04	13.50			
06-Oct-08	12:12:04	13.18			
06-Oct-08	12:13:04	13.18			
06-Oct-08	12:14:04	13.18			
06-Oct-08	12:15:04	13.18			
06-Oct-08	12:16:04	15.11			
06-Oct-08	12:17:04	13.82			
06-Oct-08	12:18:04	13.82			
06-Oct-08	12:19:04	13.50			
06-Oct-08	12:20:04	13.18			

Genie 2 Booth 2 Exhaust 2 - VOC Monitoring

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
08-Oct-08	12:28:34	2.65	08-Oct-08	13:17:34	2.33
08-Oct-08	12:29:34	2.33	08-Oct-08	13:18:34	2.17
08-Oct-08	12:30:34	2.81	08-Oct-08	13:19:34	1.85
08-Oct-08	12:31:34	2.17	08-Oct-08	13:20:34	1.53
08-Oct-08	12:32:34	2.65	08-Oct-08	13:21:34	1.53
08-Oct-08	12:33:34	2.49	08-Oct-08	13:22:34	1.53
08-Oct-08	12:34:34	2.65	08-Oct-08	13:23:34	1.37
08-Oct-08	12:35:34	2.33	08-Oct-08	13:24:34	1.69
08-Oct-08	12:36:34	2.49	08-Oct-08	13:25:34	1.37
08-Oct-08	12:37:34	2.41	08-Oct-08	13:26:34	8.44
08-Oct-08	12:38:34	2.17	08-Oct-08	13:27:34	8.28
08-Oct-08	12:39:34	2.49	08-Oct-08	13:28:34	7.47
08-Oct-08	12:40:34	2.01			
08-Oct-08	12:41:34	2.01			
08-Oct-08	12:42:34	2.01	**Average**		**2.50**
08-Oct-08	12:43:34	2.49			
08-Oct-08	12:44:34	2.01			
08-Oct-08	12:45:34	2.01			
08-Oct-08	12:46:34	2.01			
08-Oct-08	12:47:34	2.01			
08-Oct-08	12:48:34	2.17			
08-Oct-08	12:49:34	2.17			
08-Oct-08	12:50:34	2.33			
08-Oct-08	12:51:34	2.33			
08-Oct-08	12:52:34	2.17			
08-Oct-08	12:53:34	2.33			
08-Oct-08	12:54:34	2.33			
08-Oct-08	12:55:34	2.41			
08-Oct-08	12:56:34	2.49			
08-Oct-08	12:57:34	2.49			
08-Oct-08	12:58:34	2.65			
08-Oct-08	12:59:34	2.65			
08-Oct-08	13:00:34	2.81			
08-Oct-08	13:01:34	4.26			
08-Oct-08	13:02:34	2.33			
08-Oct-08	13:03:34	1.85			
08-Oct-08	13:04:34	2.01			
08-Oct-08	13:05:34	1.85			
08-Oct-08	13:06:34	1.85			
08-Oct-08	13:07:34	1.69			
08-Oct-08	13:08:34	1.69			
08-Oct-08	13:09:34	1.85			
08-Oct-08	13:10:34	2.01			
08-Oct-08	13:11:34	2.17			
08-Oct-08	13:12:34	2.01			
08-Oct-08	13:13:34	2.01			
08-Oct-08	13:14:34	2.01			
08-Oct-08	13:15:34	1.85			
08-Oct-08	13:16:34	2.17			

Genie 2 Booth 2 Exhaust 1 - VOC Monitoring

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
09-Oct-08	08:49:01	4.10	09-Oct-08	09:38:01	9.56
09-Oct-08	08:50:01	5.71	09-Oct-08	09:39:01	9.56
09-Oct-08	08:51:01	6.99	09-Oct-08	09:40:01	9.56
09-Oct-08	08:52:01	7.79	09-Oct-08	09:41:01	9.40
09-Oct-08	08:53:01	8.52	09-Oct-08	09:42:01	9.72
09-Oct-08	08:54:01	9.00	09-Oct-08	09:43:01	16.96
09-Oct-08	08:55:01	9.16	09-Oct-08	09:44:01	15.59
09-Oct-08	08:56:01	9.40	09-Oct-08	09:45:01	13.26
09-Oct-08	08:57:01	9.56	09-Oct-08	09:46:01	14.79
09-Oct-08	08:58:01	9.72	09-Oct-08	09:47:01	11.97
09-Oct-08	08:59:01	9.88	09-Oct-08	09:48:01	15.27
09-Oct-08	09:00:01	10.04	06-Oct-08	12:32:04	12.54
09-Oct-08	09:01:01	10.29			
09-Oct-08	09:02:01	10.21			
09-Oct-08	09:03:01	10.29	**Average**		**10.35**
09-Oct-08	09:04:01	10.37			
09-Oct-08	09:05:01	10.61			
09-Oct-08	09:06:01	10.37			
09-Oct-08	09:07:01	10.37			
09-Oct-08	09:08:01	10.29			
09-Oct-08	09:09:01	10.37			
09-Oct-08	09:10:01	10.93			
09-Oct-08	09:11:01	10.45			
09-Oct-08	09:12:01	10.21			
09-Oct-08	09:13:01	11.17			
09-Oct-08	09:14:01	10.85			
09-Oct-08	09:15:01	11.17			
09-Oct-08	09:16:01	10.85			
09-Oct-08	09:17:01	10.04			
09-Oct-08	09:18:01	10.29			
09-Oct-08	09:19:01	10.04			
09-Oct-08	09:20:01	10.37			
09-Oct-08	09:21:01	9.88			
09-Oct-08	09:22:01	10.21			
09-Oct-08	09:23:01	10.21			
09-Oct-08	09:24:01	10.04			
09-Oct-08	09:25:01	9.88			
09-Oct-08	09:26:01	9.72			
09-Oct-08	09:27:01	9.72			
09-Oct-08	09:28:01	9.88			
09-Oct-08	09:29:01	10.04			
09-Oct-08	09:30:01	10.04			
09-Oct-08	09:31:01	9.88			
09-Oct-08	09:32:01	9.88			
09-Oct-08	09:33:01	10.04			
09-Oct-08	09:34:01	10.04			
09-Oct-08	09:35:01	10.21			
09-Oct-08	09:36:01	9.88			
09-Oct-08	09:37:01	10.04			

Genie 2 Booth 1 Exhaust 2 - VOC Monitoring

Date	Time	VOC mg/m³
09-Oct-08	09:51:28	7.63
09-Oct-08	09:52:28	9.08
09-Oct-08	09:53:28	10.37
09-Oct-08	09:54:28	10.53
09-Oct-08	09:55:28	10.69
09-Oct-08	09:56:28	10.77
09-Oct-08	09:57:28	10.85
09-Oct-08	09:58:28	10.53
09-Oct-08	09:59:28	11.01
09-Oct-08	10:00:28	10.69
09-Oct-08	10:01:28	10.85
09-Oct-08	10:02:28	10.04
09-Oct-08	10:03:28	10.37
09-Oct-08	10:04:28	9.72
09-Oct-08	10:05:28	10.21
09-Oct-08	10:06:28	10.21
09-Oct-08	10:07:28	9.80
09-Oct-08	10:08:28	10.04
09-Oct-08	10:09:28	9.88
09-Oct-08	10:10:28	9.88
09-Oct-08	10:11:28	9.56
09-Oct-08	10:12:28	9.56
09-Oct-08	10:13:28	9.56
09-Oct-08	10:14:28	9.56
09-Oct-08	10:15:28	9.56
09-Oct-08	10:16:28	10.04
09-Oct-08	10:17:28	10.37
09-Oct-08	10:18:28	9.88
09-Oct-08	10:19:28	9.56
09-Oct-08	10:20:28	10.21
09-Oct-08	10:21:28	10.85
09-Oct-08	10:22:28	10.69
09-Oct-08	10:23:28	10.04
09-Oct-08	10:24:28	9.72
09-Oct-08	10:25:28	10.21
09-Oct-08	10:26:28	11.17
09-Oct-08	10:27:28	10.85
09-Oct-08	10:28:28	9.72
09-Oct-08	10:29:28	9.40
09-Oct-08	10:30:28	8.60
09-Oct-08	10:31:28	9.40
09-Oct-08	10:32:28	9.24
09-Oct-08	10:33:28	9.08
09-Oct-08	10:34:28	9.08
09-Oct-08	10:35:28	9.24
09-Oct-08	10:36:28	9.88
09-Oct-08	10:37:28	10.04
09-Oct-08	10:38:28	9.40
09-Oct-08	10:39:28	10.37
09-Oct-08	10:40:28	12.13
09-Oct-08	10:41:28	10.29
09-Oct-08	10:42:28	9.24
09-Oct-08	10:43:28	9.08
09-Oct-08	10:44:28	9.08
09-Oct-08	10:45:28	9.08
09-Oct-08	10:46:28	9.08
09-Oct-08	10:47:28	9.08
09-Oct-08	10:48:28	9.40
09-Oct-08	10:49:28	8.76
09-Oct-08	10:50:28	8.76
09-Oct-08	10:51:28	8.92
	Average	**9.90**

Genie 2 Booth 1 Exhaust 1 - VOC Monitoring

Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
09-Oct-08	11:03:09	4.74	09-Oct-08	11:52:09	8.44
09-Oct-08	11:04:09	9.56	09-Oct-08	11:53:09	8.44
09-Oct-08	11:05:09	9.72	09-Oct-08	11:54:09	7.96
09-Oct-08	11:06:09	9.56	09-Oct-08	11:55:09	8.28
09-Oct-08	11:07:09	10.37	09-Oct-08	11:56:09	8.28
09-Oct-08	11:08:09	10.04	09-Oct-08	11:57:09	8.60
09-Oct-08	11:09:09	9.24	09-Oct-08	11:58:09	8.76
09-Oct-08	11:10:09	9.88	09-Oct-08	11:59:09	8.44
09-Oct-08	11:11:09	9.72	09-Oct-08	12:00:09	8.28
09-Oct-08	11:12:09	9.56	09-Oct-08	12:01:09	8.28
09-Oct-08	11:13:09	9.08	09-Oct-08	12:02:09	8.28
09-Oct-08	11:14:09	9.08	09-Oct-08	12:03:09	8.12
09-Oct-08	11:15:09	9.08			
09-Oct-08	11:16:09	8.92			
09-Oct-08	11:17:09	8.92	**Average**		**8.82**
09-Oct-08	11:18:09	8.76			
09-Oct-08	11:19:09	8.92			
09-Oct-08	11:20:09	9.08			
09-Oct-08	11:21:09	8.92			
09-Oct-08	11:22:09	8.76			
09-Oct-08	11:23:09	8.92			
09-Oct-08	11:24:09	8.76			
09-Oct-08	11:25:09	9.40			
09-Oct-08	11:26:09	9.08			
09-Oct-08	11:27:09	8.92			
09-Oct-08	11:28:09	9.40			
09-Oct-08	11:29:09	9.24			
09-Oct-08	11:30:09	9.08			
09-Oct-08	11:31:09	9.24			
09-Oct-08	11:32:09	9.08			
09-Oct-08	11:33:09	8.92			
09-Oct-08	11:34:09	8.60			
09-Oct-08	11:35:09	8.44			
09-Oct-08	11:36:09	8.60			
09-Oct-08	11:37:09	8.28			
09-Oct-08	11:38:09	8.28			
09-Oct-08	11:39:09	8.60			
09-Oct-08	11:40:09	8.28			
09-Oct-08	11:41:09	8.44			
09-Oct-08	11:42:09	8.44			
09-Oct-08	11:43:09	8.28			
09-Oct-08	11:44:09	8.44			
09-Oct-08	11:45:09	8.44			
09-Oct-08	11:46:09	8.68			
09-Oct-08	11:47:09	8.44			
09-Oct-08	11:48:09	8.28			
09-Oct-08	11:49:09	8.28			
09-Oct-08	11:50:09	8.28			
09-Oct-08	11:51:09	8.28			

Genie 1 Booth 2 - VOC Monitoring

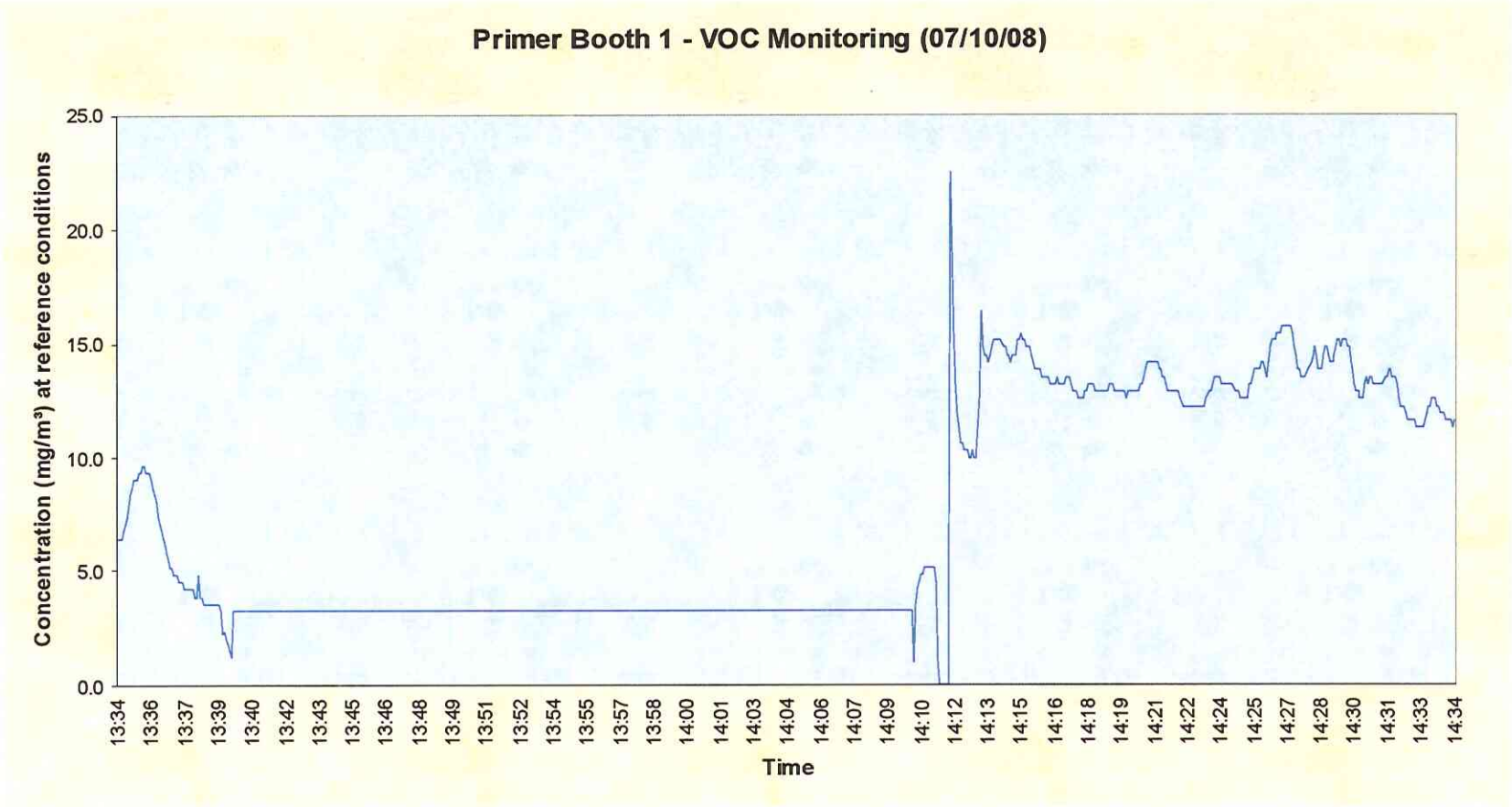
Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
06-Oct-08	11:32:04	7.31	06-Oct-08	12:21:04	6.99
06-Oct-08	11:33:04	9.88	06-Oct-08	12:22:04	6.99
06-Oct-08	11:34:04	8.04	06-Oct-08	12:23:04	6.83
06-Oct-08	11:35:04	7.79	06-Oct-08	12:24:04	6.83
06-Oct-08	11:36:04	7.47	06-Oct-08	12:25:04	7.31
06-Oct-08	11:37:04	7.31	06-Oct-08	12:26:04	7.47
06-Oct-08	11:38:04	8.28	06-Oct-08	12:27:04	7.63
06-Oct-08	11:39:04	7.96	06-Oct-08	12:28:04	8.28
06-Oct-08	11:40:04	8.28	06-Oct-08	12:29:04	7.47
06-Oct-08	11:41:04	7.88	06-Oct-08	12:30:04	8.12
06-Oct-08	11:42:04	7.31	06-Oct-08	12:31:04	7.55
06-Oct-08	11:43:04	7.15	06-Oct-08	12:32:04	12.54
06-Oct-08	11:44:04	7.31			
06-Oct-08	11:45:04	7.47			
06-Oct-08	11:46:04	7.31	**Average**		**7.70**
06-Oct-08	11:47:04	7.15			
06-Oct-08	11:48:04	7.31			
06-Oct-08	11:49:04	7.63			
06-Oct-08	11:50:04	7.47			
06-Oct-08	11:51:04	7.31			
06-Oct-08	11:52:04	7.31			
06-Oct-08	11:53:04	7.31			
06-Oct-08	11:54:04	7.31			
06-Oct-08	11:55:04	7.63			
06-Oct-08	11:56:04	8.12			
06-Oct-08	11:57:04	7.31			
06-Oct-08	11:58:04	7.31			
06-Oct-08	11:59:04	7.47			
06-Oct-08	12:00:04	7.31			
06-Oct-08	12:01:04	7.63			
06-Oct-08	12:02:04	7.47			
06-Oct-08	12:03:04	8.92			
06-Oct-08	12:04:04	7.63			
06-Oct-08	12:05:04	7.31			
06-Oct-08	12:06:04	7.47			
06-Oct-08	12:07:04	7.31			
06-Oct-08	12:08:04	7.31			
06-Oct-08	12:09:04	7.47			
06-Oct-08	12:10:04	7.63			
06-Oct-08	12:11:04	9.24			
06-Oct-08	12:12:04	7.96			
06-Oct-08	12:13:04	7.63			
06-Oct-08	12:14:04	7.63			
06-Oct-08	12:15:04	7.63			
06-Oct-08	12:16:04	7.47			
06-Oct-08	12:17:04	7.63			
06-Oct-08	12:18:04	7.63			
06-Oct-08	12:19:04	7.15			
06-Oct-08	12:20:04	6.99			

Genie 1 Booth 1 - VOC Monitoring

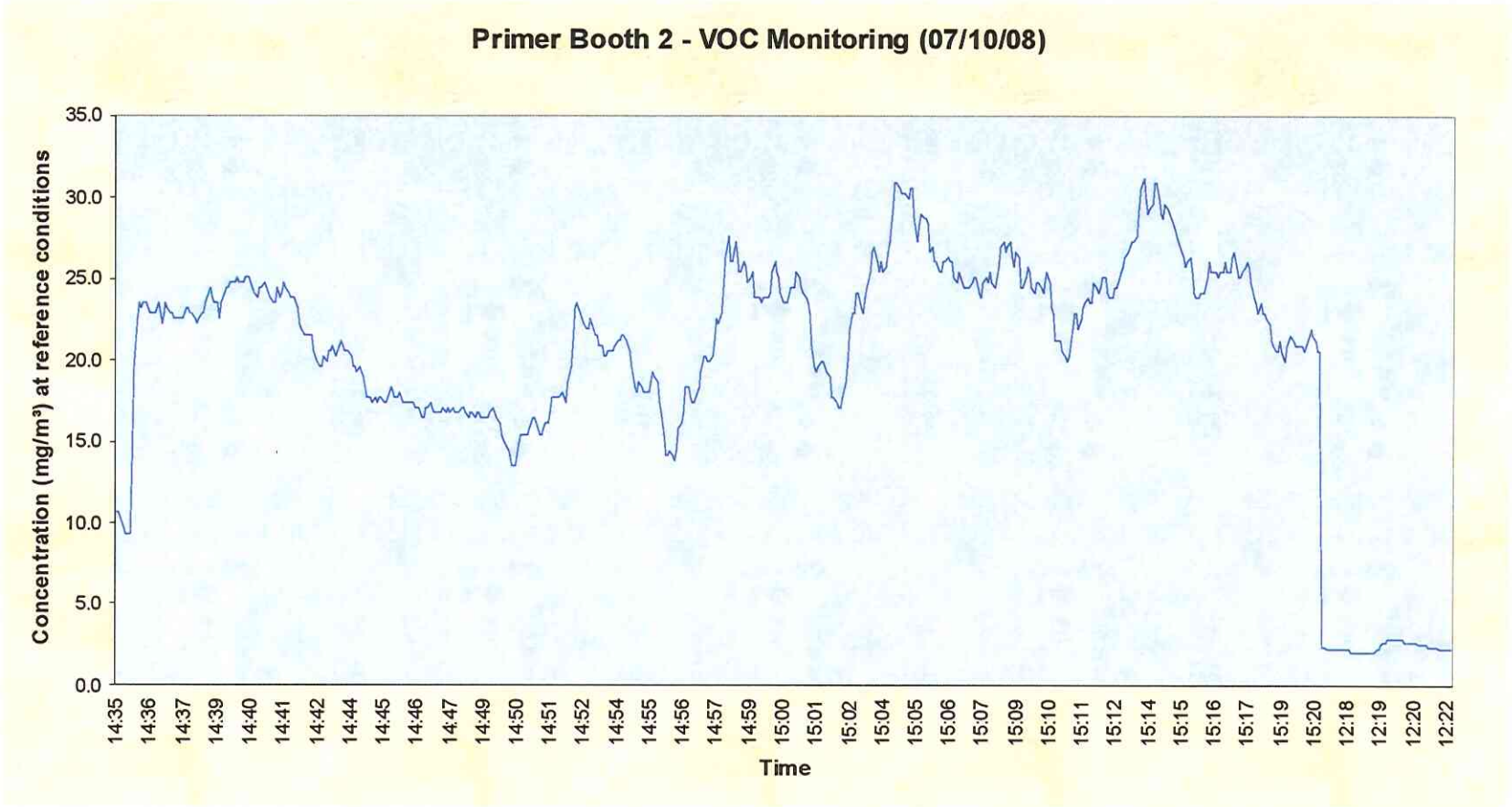
Date	Time	VOC mg/m³	Date	Time	VOC mg/m³
09-Oct-08	13:35:04	20.09	09-Oct-08	14:24:04	6.83
09-Oct-08	13:36:04	29.25	09-Oct-08	14:25:04	6.67
09-Oct-08	13:37:04	33.43	09-Oct-08	14:26:04	6.51
09-Oct-08	13:38:04	35.36	09-Oct-08	14:27:04	6.19
09-Oct-08	13:39:04	35.52	09-Oct-08	14:28:04	6.03
09-Oct-08	13:40:04	34.88	09-Oct-08	14:29:04	5.87
09-Oct-08	13:41:04	35.04	09-Oct-08	14:30:04	5.87
09-Oct-08	13:42:04	30.54	09-Oct-08	14:31:04	5.71
09-Oct-08	13:43:04	31.02	09-Oct-08	14:32:04	5.54
09-Oct-08	13:44:04	29.73	09-Oct-08	14:33:04	5.22
09-Oct-08	13:45:04	28.45	09-Oct-08	14:34:04	5.22
09-Oct-08	13:46:04	27.00	06-Oct-08	12:32:04	12.54
09-Oct-08	13:47:04	25.63			
09-Oct-08	13:48:04	24.59			
09-Oct-08	13:49:04	23.71	**Average**		**15.84**
09-Oct-08	13:50:04	22.82			
09-Oct-08	13:51:04	21.70			
09-Oct-08	13:52:04	21.05			
09-Oct-08	13:53:04	20.09			
09-Oct-08	13:54:04	19.13			
09-Oct-08	13:55:04	17.92			
09-Oct-08	13:56:04	16.96			
09-Oct-08	13:57:04	16.31			
09-Oct-08	13:58:04	15.83			
09-Oct-08	13:59:04	15.35			
09-Oct-08	14:00:04	14.87			
09-Oct-08	14:01:04	14.38			
09-Oct-08	14:02:04	14.14			
09-Oct-08	14:03:04	13.50			
09-Oct-08	14:04:04	13.26			
09-Oct-08	14:05:04	13.10			
09-Oct-08	14:06:04	13.34			
09-Oct-08	14:07:04	12.46			
09-Oct-08	14:08:04	11.97			
09-Oct-08	14:09:04	11.49			
09-Oct-08	14:10:04	11.33			
09-Oct-08	14:11:04	10.69			
09-Oct-08	14:12:04	10.45			
09-Oct-08	14:13:04	10.04			
09-Oct-08	14:14:04	9.88			
09-Oct-08	14:15:04	9.88			
09-Oct-08	14:16:04	9.24			
09-Oct-08	14:17:04	9.08			
09-Oct-08	14:18:04	8.92			
09-Oct-08	14:19:04	8.44			
09-Oct-08	14:20:04	7.63			
09-Oct-08	14:21:04	7.31			
09-Oct-08	14:22:04	7.15			
09-Oct-08	14:23:04	6.99			

APPENDIX C

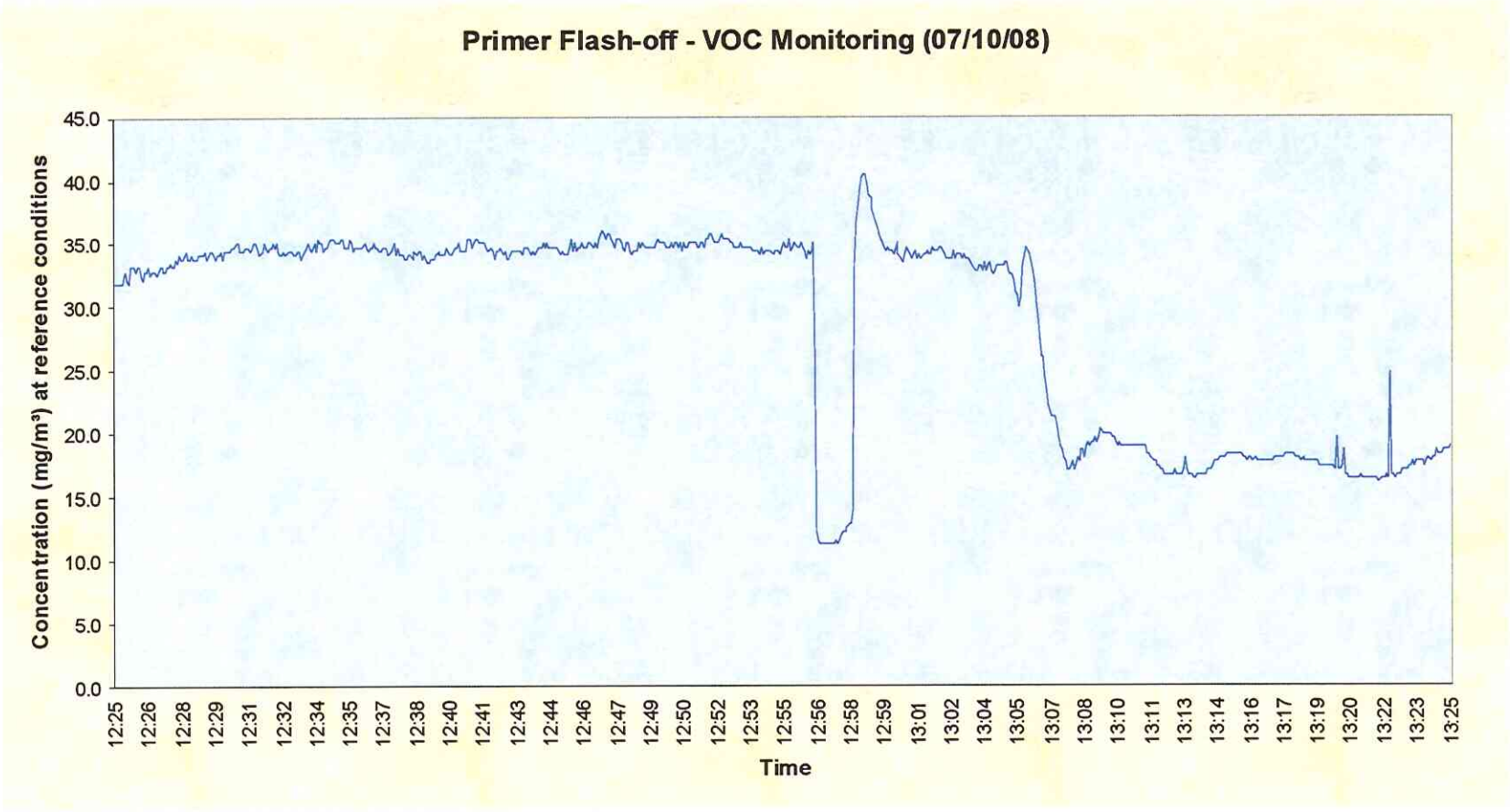
VOC Charts



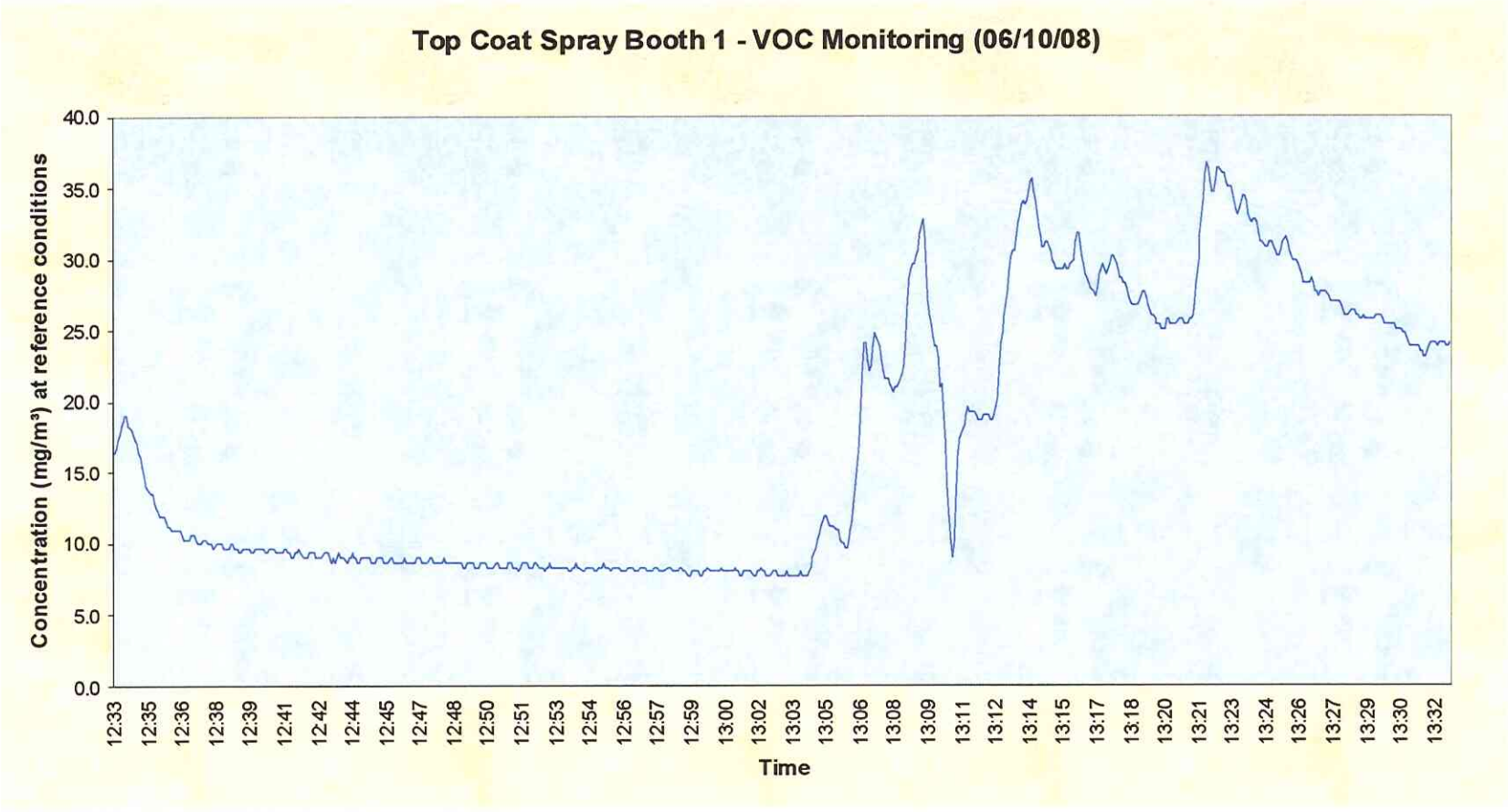
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
13:34	to	14:04	2.25	6.00	0.74	3.62	9.64	1.19
14:04	to	14:34	6.75	14.00	0.00	10.85	22.50	0.00



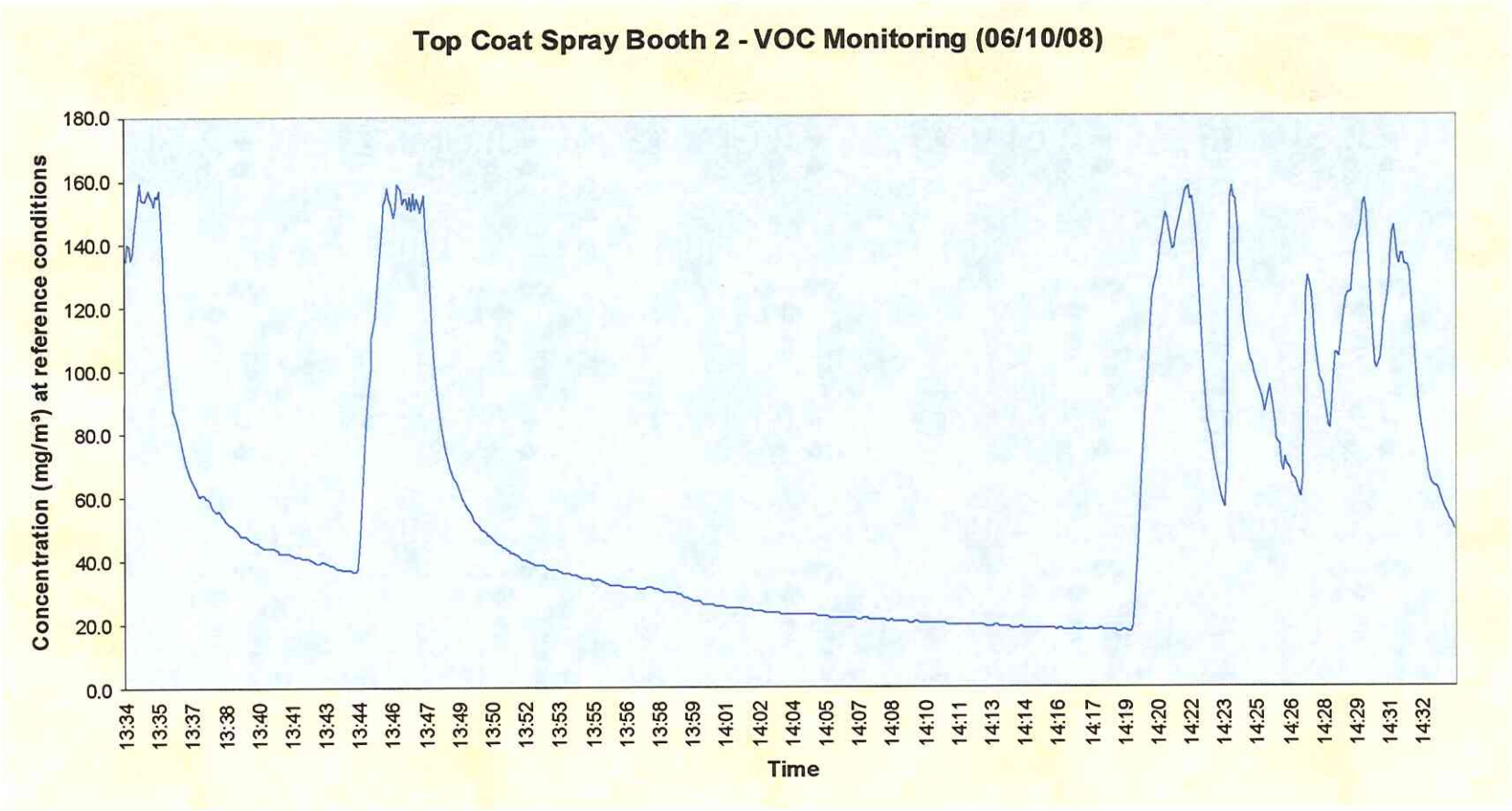
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
14:35	to	15:05	12.85	19.20	5.80	20.65	30.86	9.32
15:05	to	15:35	12.01	19.40	1.25	19.31	31.18	2.01



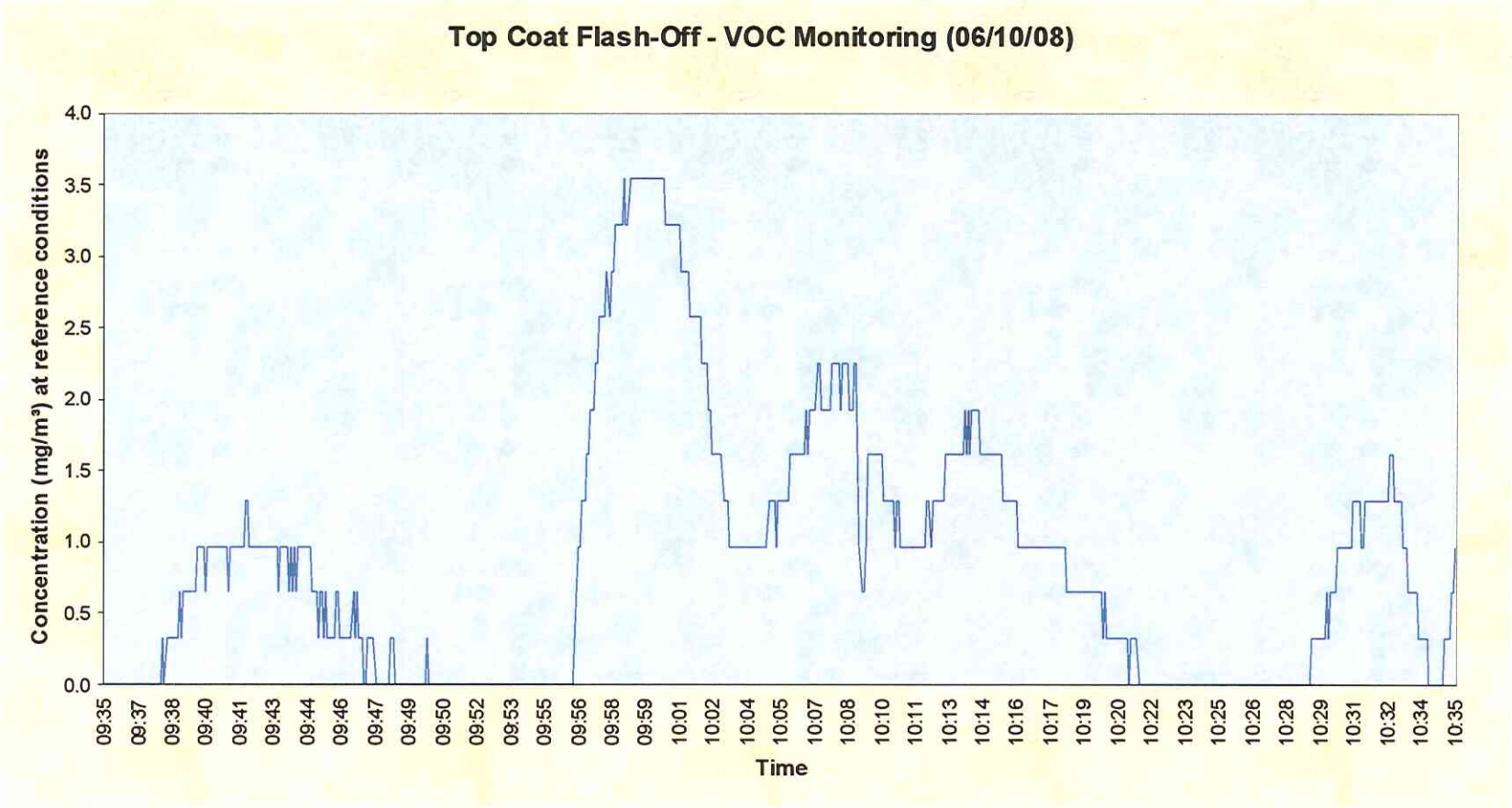
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
12:25	to	12:55	21.42	22.40	19.80	34.43	36.00	31.82
12:55	to	13:25	14.29	25.20	7.00	22.97	40.50	11.25



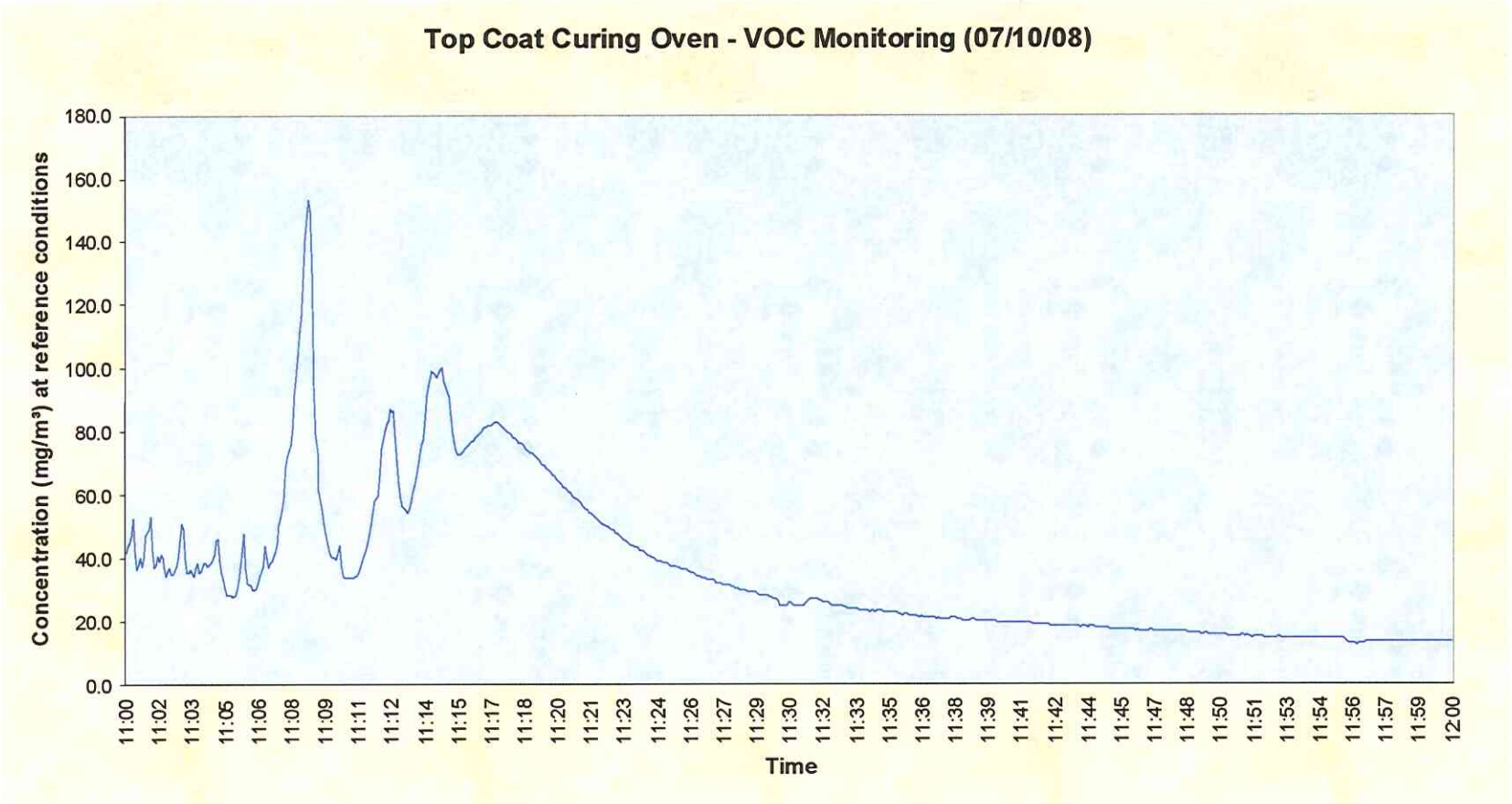
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
12:33	to	13:03	5.77	11.80	4.80	9.27	18.96	7.71
13:03	to	13:33	15.71	22.80	4.80	25.25	36.64	7.71



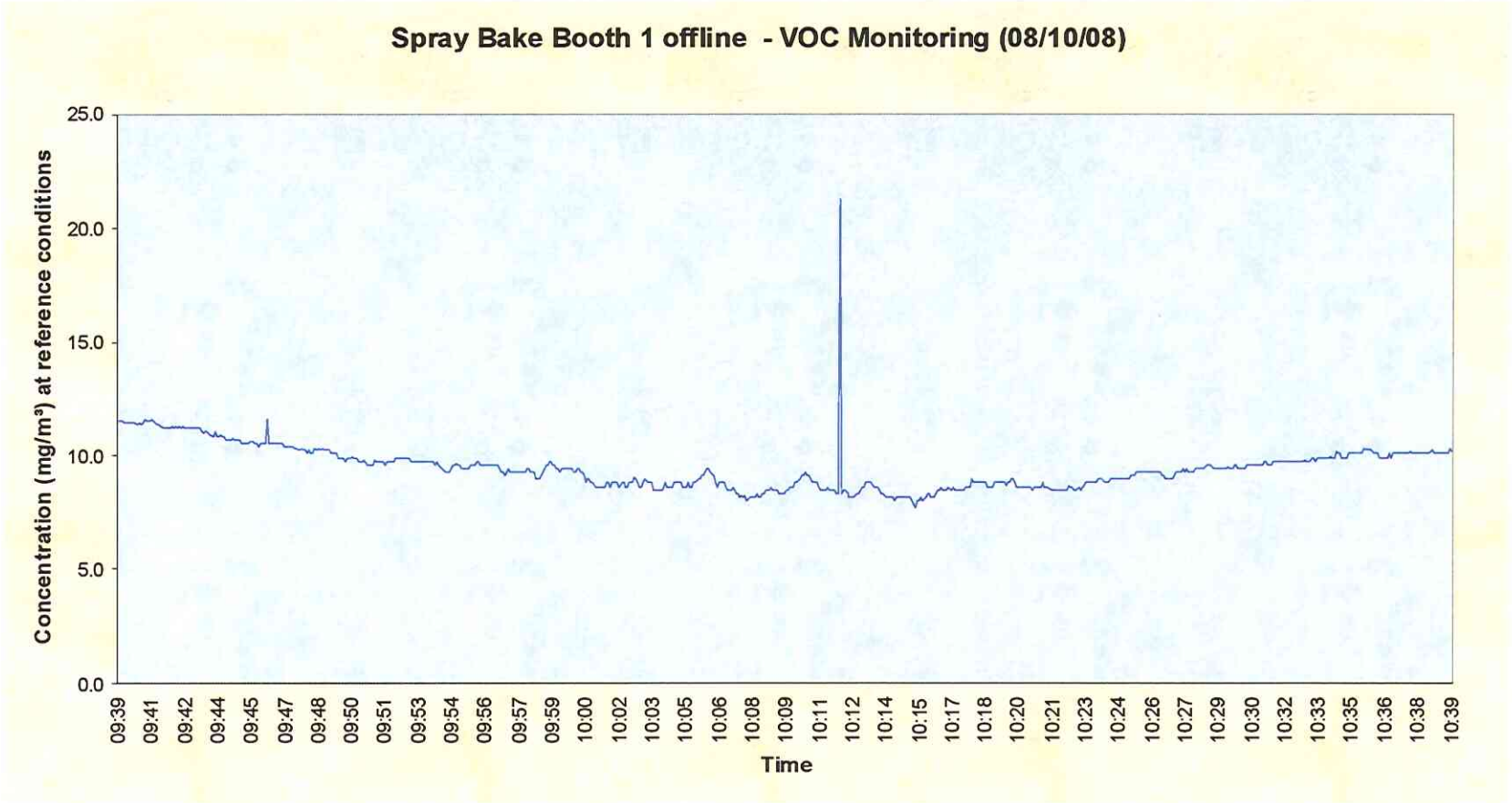
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
13:34	to	14:04	36.21	99.00	14.20	58.20	159.11	22.82
14:04	to	14:34	37.93	98.00	10.80	60.96	157.50	17.36



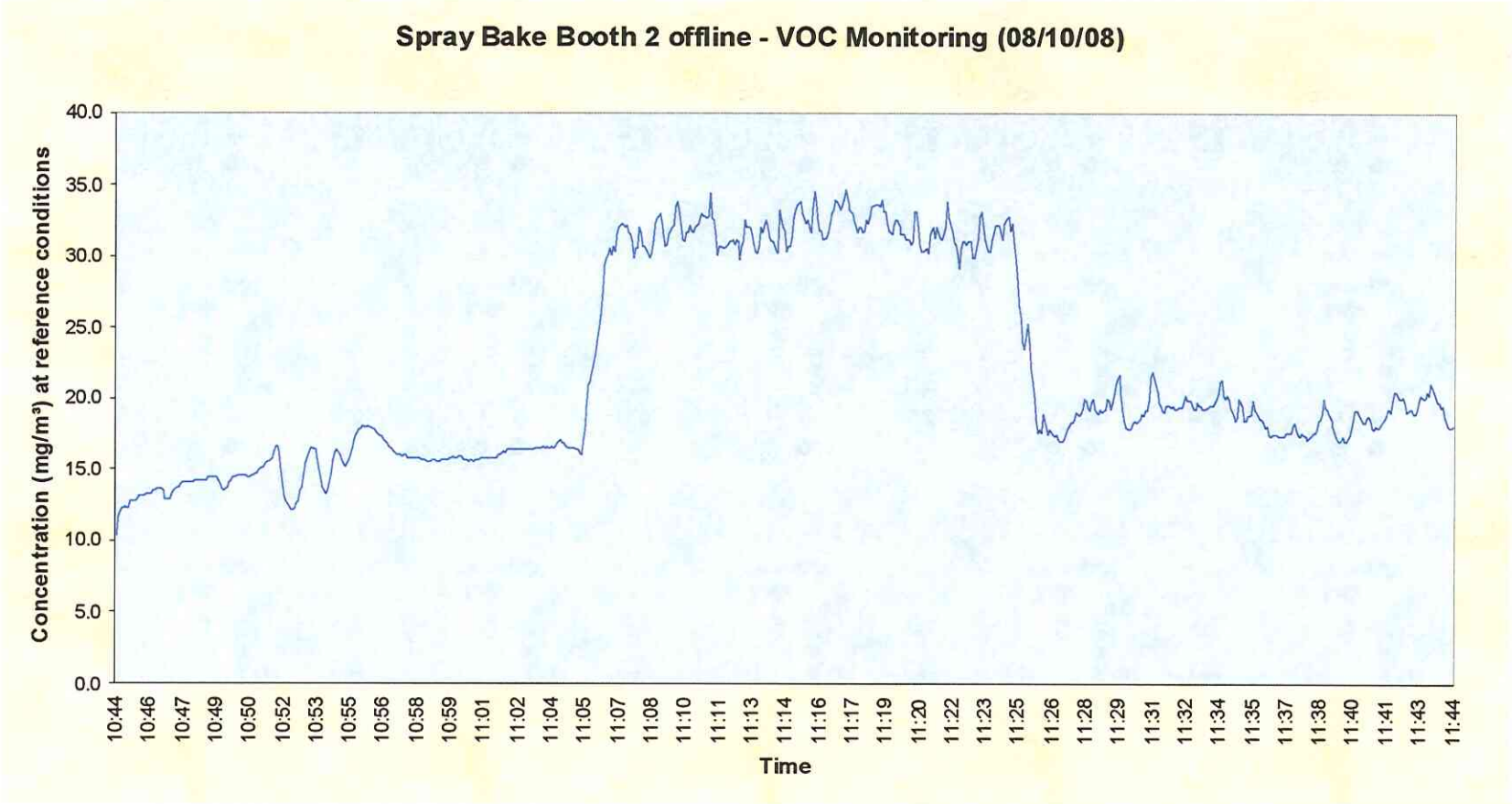
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
9:35	to	10:05	0.56	2.20	0.00	0.90	3.54	0.00
10:05	to	10:35	0.51	1.40	0.00	0.83	2.25	0.00



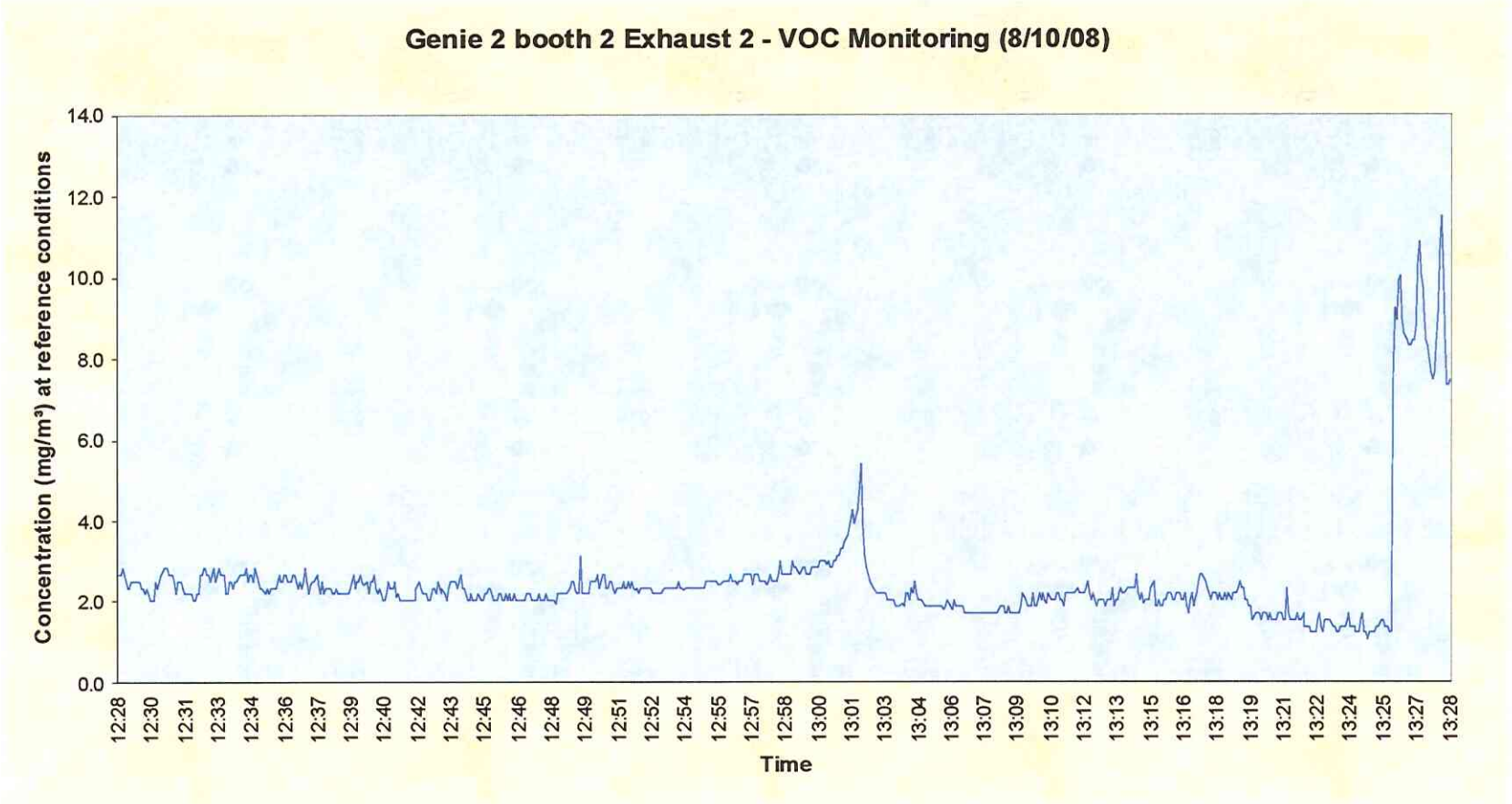
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
11:00	to	11:30	33.13	95.20	15.40	53.24	153.00	24.75
11:30	to	12:00	11.24	17.00	7.80	18.07	27.32	12.54



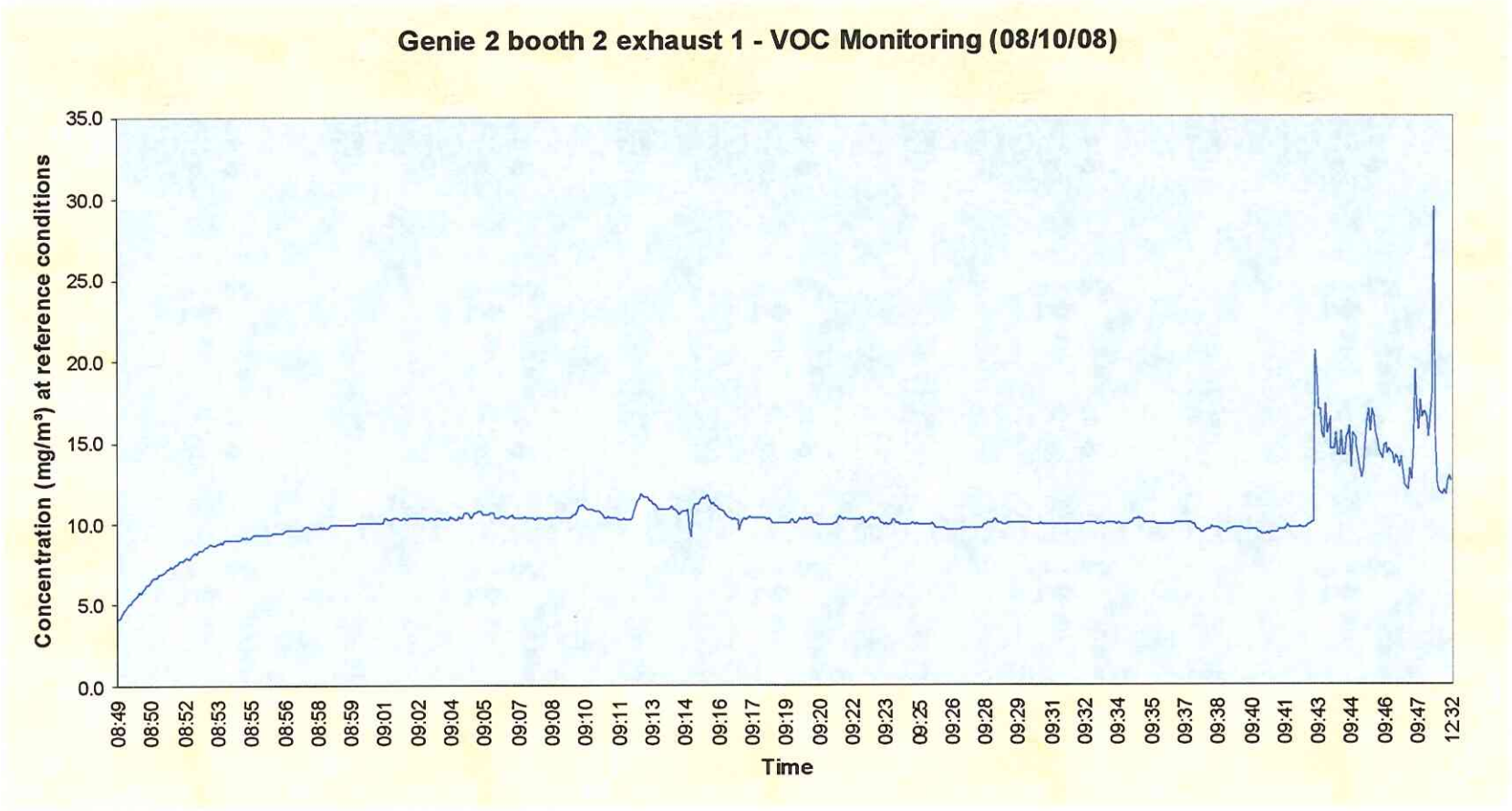
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
9:39	to	10:09	6.02	7.20	4.95	9.68	11.57	7.96
10:09	to	10:39	5.68	13.25	4.75	9.13	21.29	7.63



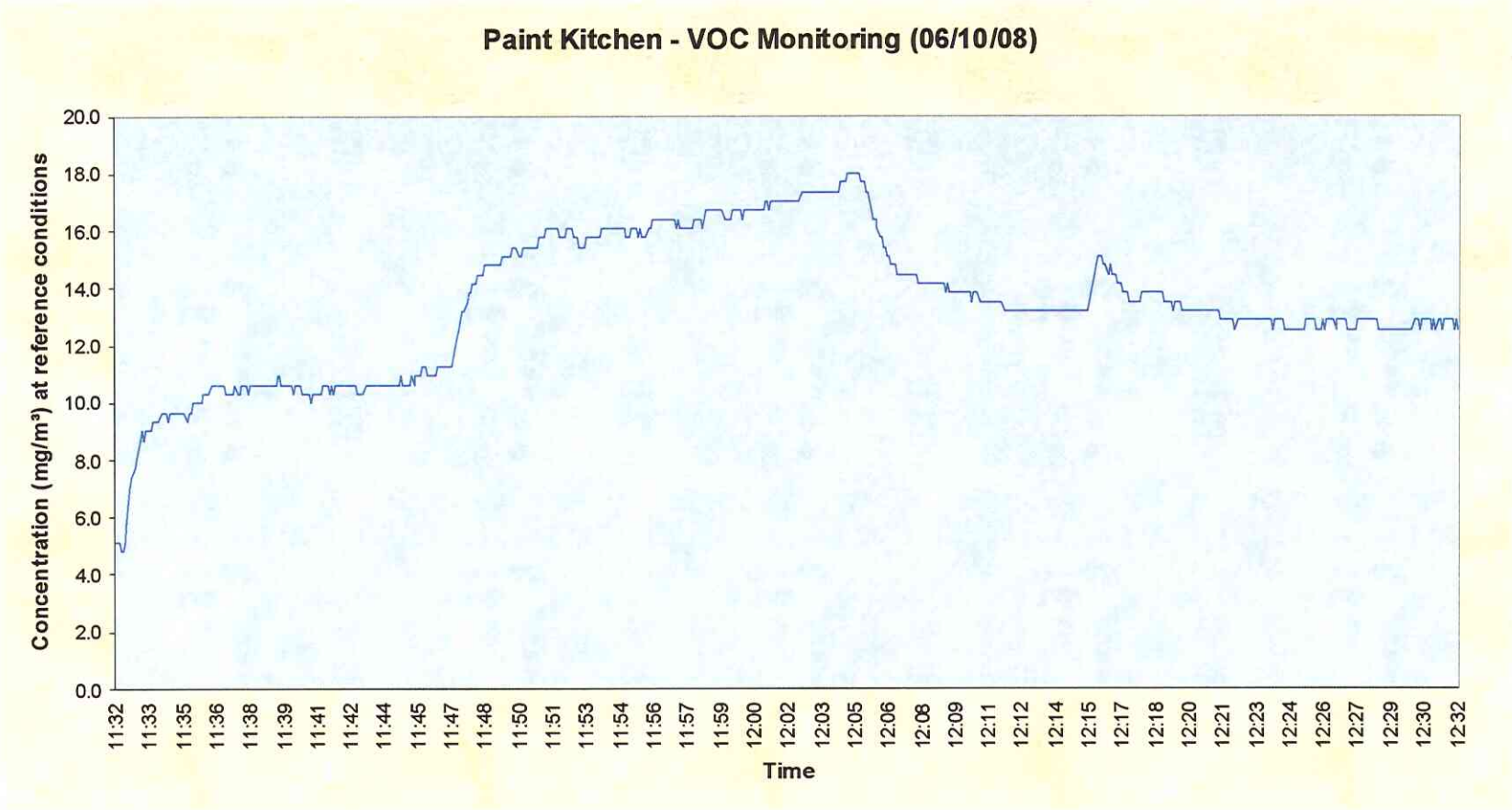
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
10:44	to	11:14	12.37	21.40	6.45	19.87	34.39	10.37
11:14	to	11:44	14.65	21.60	10.55	23.55	34.71	16.96



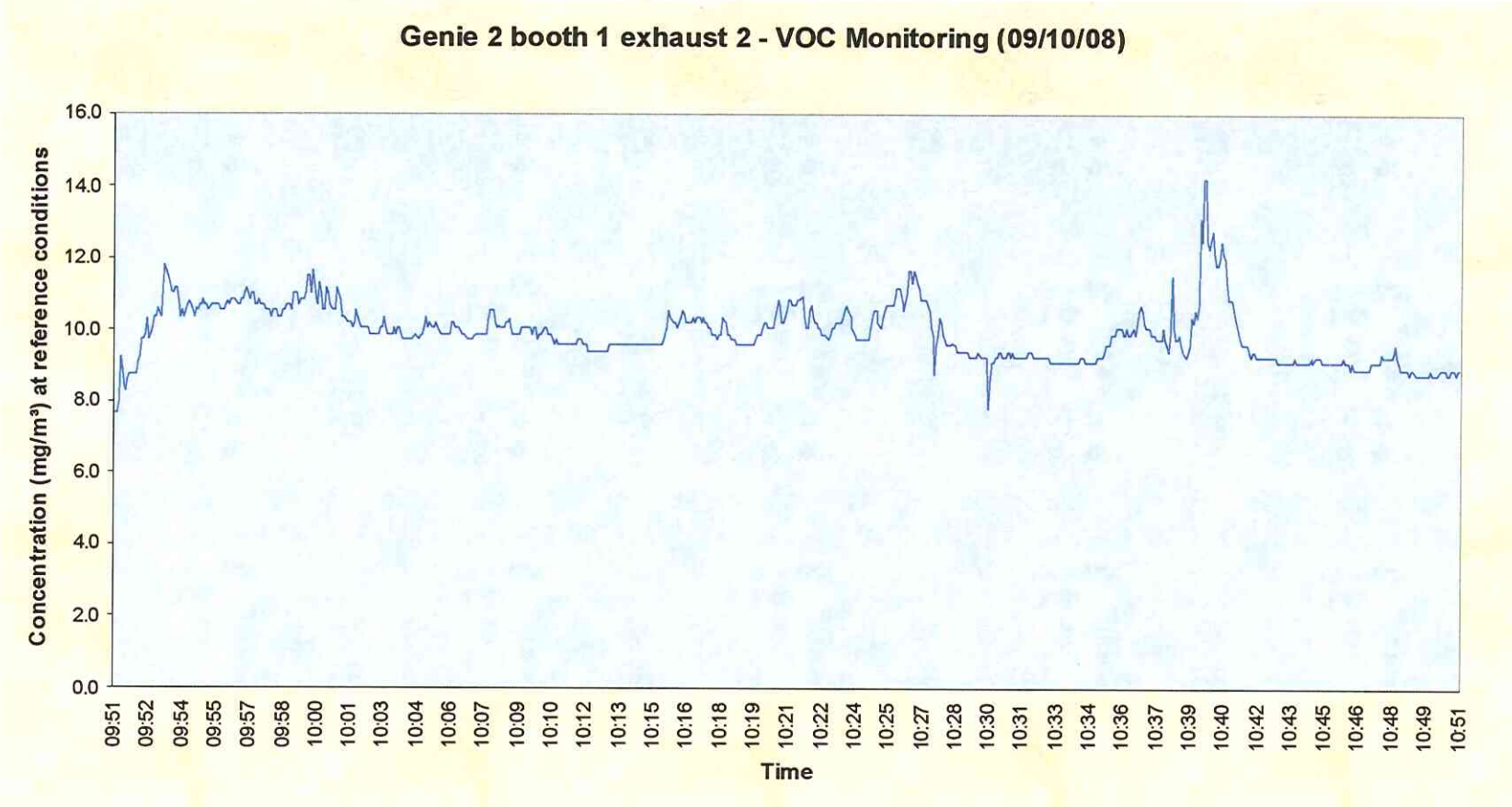
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
12:28	to	12:58	1.46	1.95	1.20	2.35	3.13	1.93
12:58	to	13:28	1.65	7.15	0.65	2.65	11.49	1.04



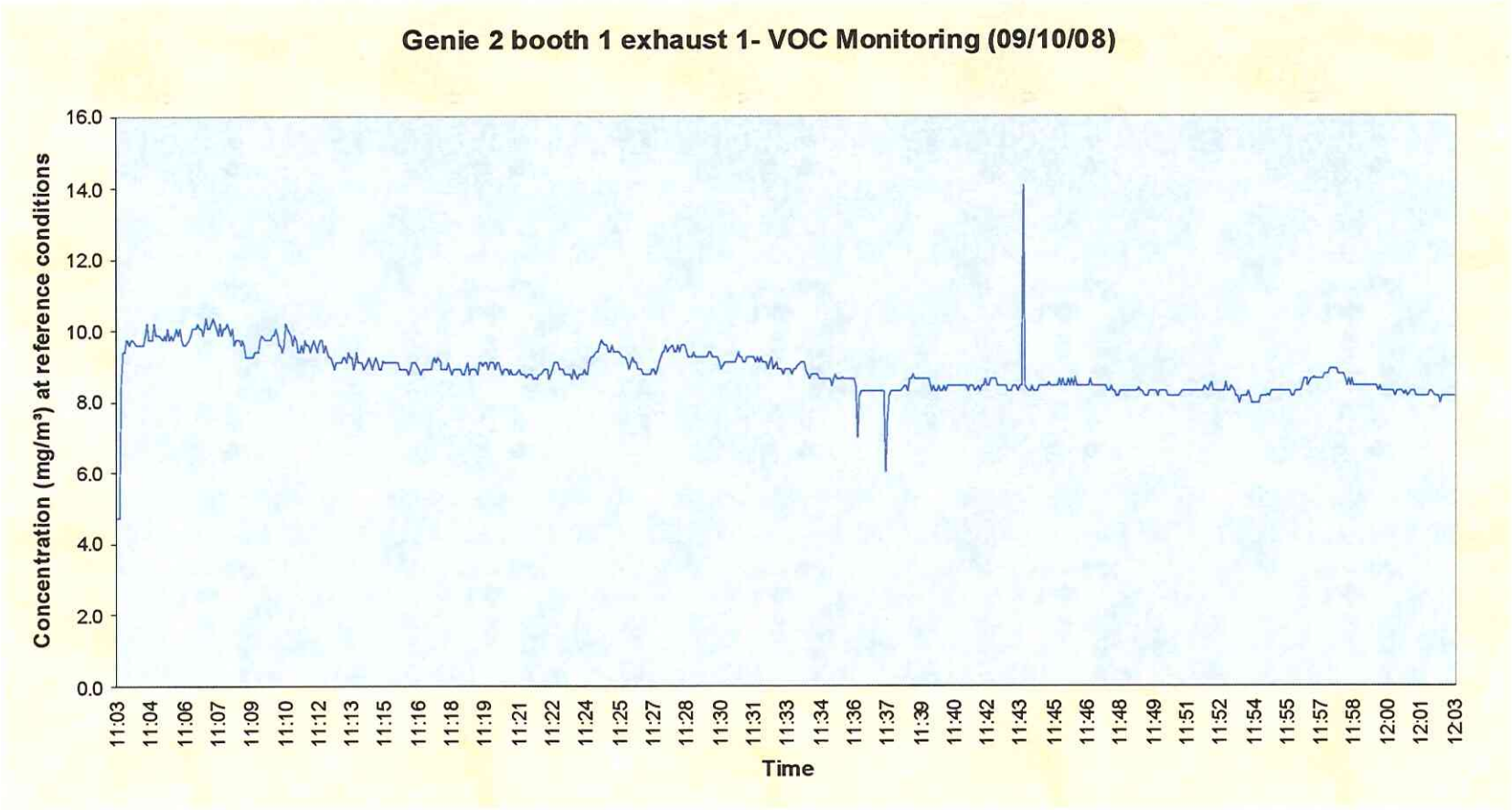
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
8:49	to	9:19	6.06	7.35	2.55	9.74	11.81	4.10
9:19	to	9:49	6.82	18.30	5.75	10.96	29.41	9.24



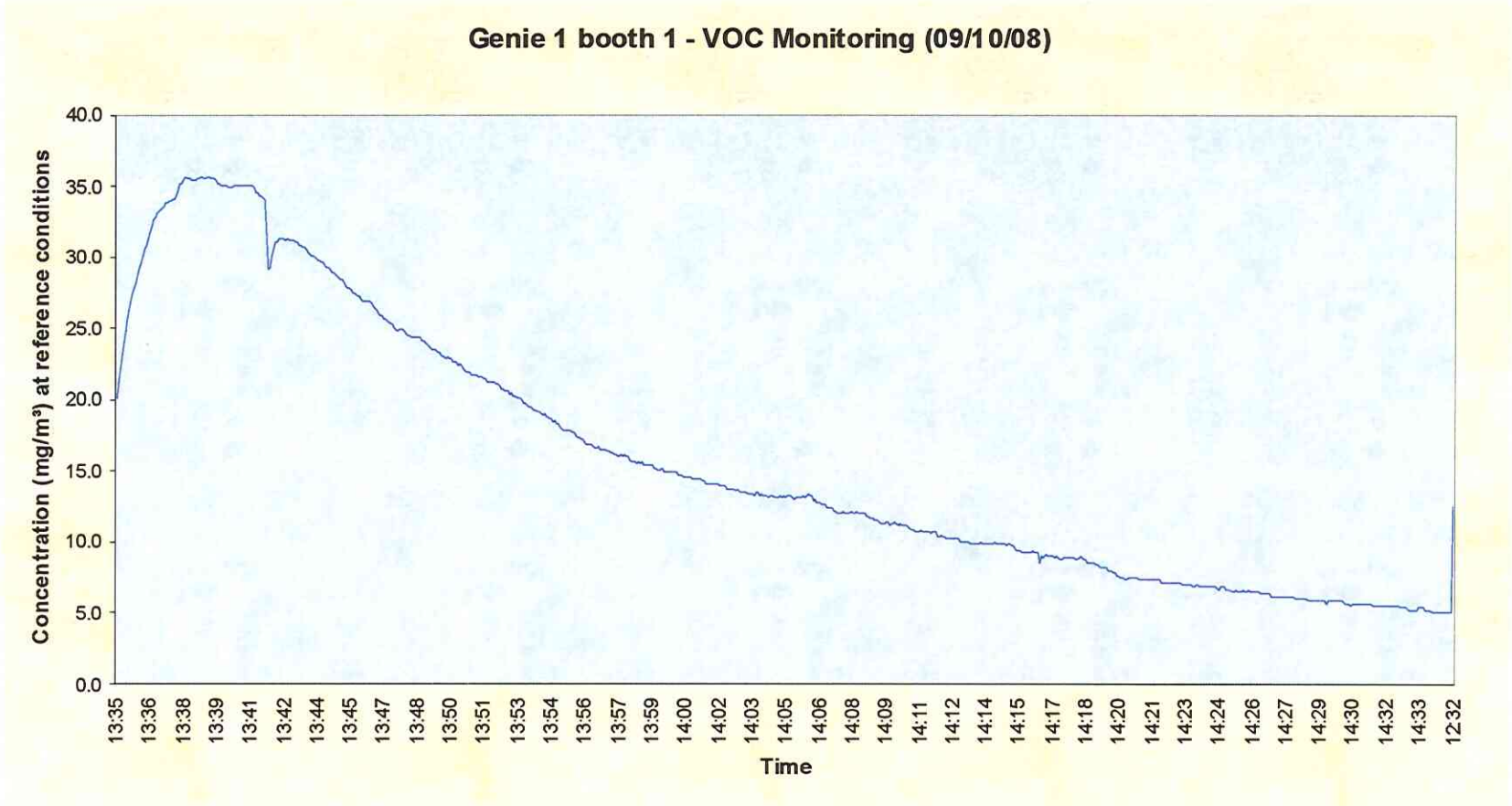
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
11:32	to	12:02	8.06	10.60	3.00	12.95	17.04	4.82
12:02	to	12:32	8.63	11.20	7.80	13.87	18.00	12.54



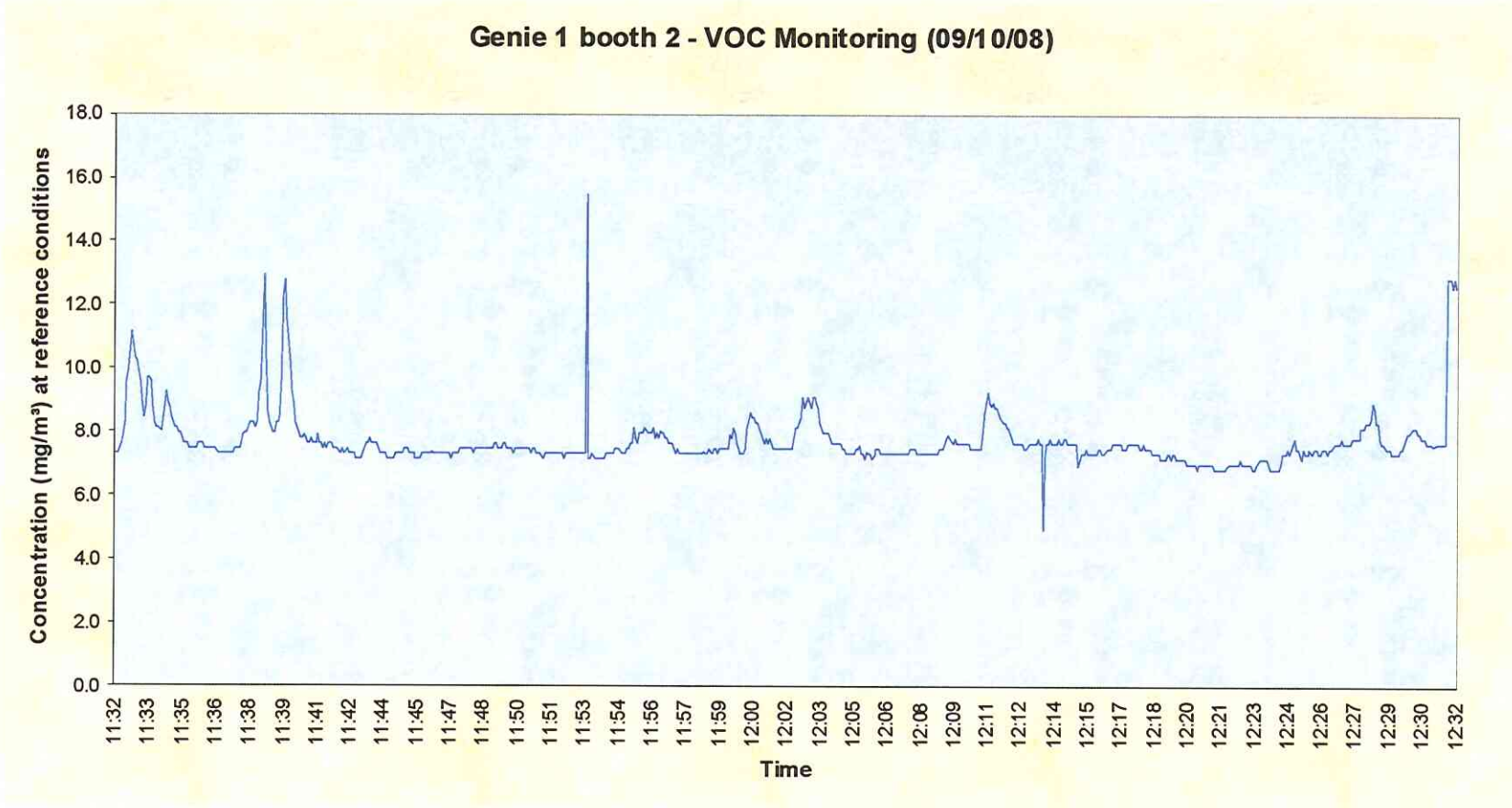
Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
9:51	to	10:21	6.28	7.35	4.75	10.10	11.81	7.63
10:21	to	10:51	6.04	8.85	4.85	9.71	14.22	7.79



Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
11:03	to	11:33	5.75	6.45	2.95	9.25	10.37	4.74
11:33	to	12:03	5.22	8.75	3.75	8.39	14.06	6.03



Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
13:35	to	14:05	14.50	22.20	8.15	23.30	35.68	13.10
14:05	to	14:35	5.21	8.30	3.15	8.38	13.34	5.06



Average Run Time			Volatile Organic Compound (ppm)			Volatile Organic Compound (mg/m³)		
			Mean	Max	Min	Mean	Max	Min
11:32	to	12:02	4.83	9.65	4.45	7.77	15.51	7.15
12:02	to	12:32	4.75	8.00	3.05	7.63	12.86	4.90

APPENDIX D

Isocyanate Results

Client	Terex Compact Equipment
Site Address	Prologis Park, Coventry
Job Number	P-RED08-108/EB/R1/Rev0
Date	7th and 8th October 2008
Operator(s)	Vicki Gavin & Tony Berek

Pump Type	Pump No.	Sample ID	Location / Process / Operator	Pump Flow (mls/min)		Sample Duration (mins)		Total Volume (l)	Gas Temp (C)	Atmos Pressure (mbars)	Mass of Analyte (ug)	Concentration (mg/Nm3)
Yellow	44	08/108/102	Topcoat Spray Booth 1 7th October 2008	Initial	1000.0	Start	11:00	60	44.0	1018	<0.2	<0.003
				Final	1000.0	Finish	12:00					
				Average	1000.0	Total	60					
Yellow	46	08/108/103	Topcoat Spray Booth 2 7th October 2008	Initial	1000.0	Start	10:05	60	20.0	1018	<0.2	<0.003
				Final	1000.0	Finish	11:05					
				Average	1000.0	Total	60					
Yellow	47	08/108/100	Topcoat Flash-off 7th October 2008	Initial	1000.0	Start	09:35	60	20.0	1018	<0.2	<0.003
				Final	1000.0	Finish	10:35					
				Average	1000.0	Total	60					
Yellow	49	08/108/101	Topcoat Curing Oven 7th October 2008	Initial	1000.0	Start	11:00	60	26.0	1018	<0.2	<0.003
				Final	1000.0	Finish	12:00					
				Average	1000.0	Total	60					
Yellow	44	08/108/104	Spray Bake Booth 1 8th October 2008	Initial	1000.0	Start	9:35	60	22.0	1018	<0.2	<0.003
				Final	1000.0	Finish	10:35					
				Average	1000.0	Total	60					
Yellow	46	08/108/105	Spray Bake Booth 2 8th October 2008	Initial	1000.0	Start	10:45	60	23.0	1018	<0.2	<0.003
				Final	1000.0	Finish	11:45					
				Average	1000.0	Total	60					