

Site Specific Protocol

Part 1

(Contract details, monitoring dates and personnel)

OPERATOR NAME	Wyndeham Heron				
OPERATORS ADDRESS	The Bethnal Complex, Colchester Road				
	Maldon				
	Essex				
PERMIT NUMBER	Unknown				
INSTALLATION NAME	Printworks				
CONTACT NAME	Nick Waterhouse				
CONTACT TELEPHONE NUMBER	01621 877730				
DATE & REPORT NUMBER OF PREVIOUS MONITORING CAMPAIGN	16-18 August 2010, Report 4397v1				
PREVIOUS SSP FILE NAME	SSP 4397v1				
PLANNED DATE OF MONITORING CAMPAIGN	4 or 5 November 2010				
MONITORING ORGANISATION NAME	ENVIROCARE TECHNICAL CONSULTANCY LTD				
ADDRESS	ST BLAISE HOUSE				
	VAUGHAN STREET				
	BRADFORD				
	BD1 2LL				
JOB NUMBER	J-4506				
MONITORING PERSONNEL					
NAME	ROLE DURING CAMPAIGN	MCERTS NO.	CERTIFICATION LEVEL	ENDORSEMENTS	Expiry Date
CHRIS MANN	TEAM LEADER	MM06 – 695	LEVEL 2	TE1	14/03/2013
				TE2	12/06/2013
				TE3	09/09/2013
				TE4	14/03/2013
MARTIN ROPKA	TECHNICIAN	MM06 – 761	LEVEL 2	TE1	22/05/2014
				TE3	18/03/2015
				TE4	22/05/2014

Part 2

(Monitoring objectives)

OVERALL AIM OF THE MONITORING CAMPAIGN	COMPLIANCE
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EMISSION POINT	POLLUTANT	FREQUENCY	EMISSION LIMIT VALUE	REFERENCE CONDITIONS	METHOD	TECHNICAL PROCEDURE REFERENCE	OVERALL UNCERTAINTY
Lithoman 2	Carbon Monoxide	Annual	100mg/Nm ³	273K, 101.3kPa	BS EN 15058	ETC-M-25	Calculated upon completion of test
	Oxides Of Nitrogen		100mg/Nm ³	273K, 101.3kPa	BS EN 14792	ETC-M-25	Calculated upon completion of test
	Sulphur Dioxide		N/A	273K, 101.3kPa	EA TGN M21	ETC-M-25	Calculated upon completion of test
	Total VOCs		20mg/Nm ³	273K, 101.3kPa	BS EN 12619	ETC-M-03	Calculated upon completion of test

Part 2 continued
(Operating information)

EMISSION POINT		LITHOMAN 2	
PROCESS TYPE		CONTINUOUS	
IF BATCH PROCESS, SAMPLING DETAILS		N/A	
PROCESS DESCRIPTION		DDTNV Thermal Oxidiser serving printing press	
FUEL TYPE		Natural Gas	
FEED STOCK		Solvent from printing process	
NORMAL LOAD, THROUGHPUT OR CONTINUOUS RATING OF THE PLANT		Variable	
UNUSUAL OCCURRENCES THAT TAKE PLACE DURING THE PROCESS		None	
FLOW CRITERIA	STACK TEMP	316°C	FLOW VELOCITY
			7.6m/s
COMMENTS	None		
ABATEMENT SYSTEM	None		
CEM SYSTEM (AND DATA INFORMATION SYSTEM)	None		
PROCESS DETAILS REQUIRED	N/A		

Part 2 continued

(Sample location)

EMISSION POINT	LITHOMAN 2
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STACK DIMENSIONS	75cm	GENERAL REMARKS	
Description of sampling plane with Dimensions Monitoring performed from exit of dryer after the bend. Equipment can be placed on the floor. Ladder required to access top of dryer.	TYPE OF PORT	3" BSP	
	NUMBER OF SAMPLES LINES	1	
	ARRANGEMENT OF SAMPLE LINE(S)	N/A	
	ORIENTATION OF SAMPLE LINE(S)	N/A	
	NUMBER OF SAMPLING POINTS PER LINE	1	
	COMPLIANCE WITH CEN STANDARDS	No	

Sketch of sampling plane with Dimensions



Part 2 continued
(Details of monitoring)

EMISSION POINT	LITHOMAN 2
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INSTRUMENTAL TECHNIQUES	VOC's*	O ₂ *	CO	CO ₂	SO ₂	NO _x
EXPECTED EMISSION VALUE	<20mg/Nm ³		<100mg/Nm ³		<10mg/Nm ³	<50mg/Nm ³
EQUIPMENT	Signal 3030PM		Horiba PG250		Horiba PG250	Horiba PG250
SAMPLING DURATION	1 Hour		1 Hour		1 Hour	1 Hour
SPAN GAS CONC.	7.97ppm		80.0ppm		200.3ppm	60.0ppm
MEASUREMENT RANGE	0-40ppm		0-200ppm		0-200ppm	0-250ppm
LOWER DETECTION LIMIT	0.2ppm		0.5ppm		0,1ppm	0.3ppm
ACCREDITATION	MCERTS		MCERTS		MCERTS	MCERTS
MANUAL TECHNIQUES	PARTICULATES*	MOISTURE*				
EXPECTED EMISSION VALUE						
EQUIPMENT						
SAMPLING DURATION / NO. SAMPLES						
PROPOSED SAMPLE FLOW RATE						
VOLUME / MINIMUM SAMPLING TIME						
ANALYTICAL TECHNIQUE						
LABORATORY						
ACCREDITATION						

Part 2 continued
(Details of monitoring)

EMISSION POINT	LITHOMAN 2
ANY MODIFICATIONS TO THE TECHNICAL PROCEDURE	None
JUSTIFICATIONS FOR THE MODIFICATION	N/A
ANY RESULTING CHANGES TO THE UNCERTAINTIES	N/A
IF ANY SUBSTANCES(S) IN THE MONITORING OBJECTIVES WILL NOT BE MONITORED, EXPLAIN	None
IF APPLICABLE WHY ANY SUBSTANCE(S) WILL NOT BE MONITORED IN ACCORDANCE WITH THE MONITORING METHOD	N/A

Part 2 continued

(Contract review)

Changes to original Scope of Work or Budget review

REVIEW / CHANGE DATE	DETAILS	ADDITIONAL COSTS Y / N	CONFIRMED IN WRITING (DATE & LETTER REFERENCE)	SIGNED

DECLARATION

Site Specific Protocol completed

	Part 1	Part 2 (Monitoring objectives)	Part 2 (Operating Information)	Part 2 (Sample Location)	Part 2 (Details of Monitoring)
Completed	✓	✓	✓	✓	✓

Name **Martin Ropka**

Position **Environmental Consultant**

Signed 