



PCME Ltd Site Survey Forms

Issue 1 May 2007

*Please select correct Site Survey Form suitable for the application
If you are unsure please contact PCME Ltd for advice.*

For Non - mg/m³ applications. Broken Bag Detectors, Bag Leak detectors,
Trend Instruments

[Please use 1\) Non Mg m3 excel sheet](#)

For applications requiring a mg/m³ measurement (TUV, MCERTS approved)

[Please use 2\) Mg/m3 excel sheet](#)

For EN-14181 and PS11 applications

[Please use 3\) EN 14181 excel sheet](#)

Please refer to the Site Survey Form Guide for filling in the appropriate sections

[Please refer to Site Survey Guide](#)

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Non - mg/m³

Broken Bag Detectors, Bag Leak detectors, Trend Instruments Site Survey Form

PCME Ltd REF NO:

Customer / Distributor to Complete page 1 to confirm application details			
Completed By (Name):		Company:	
END USER DETAILS			
Company Name:		Contact:	
Address:			
Town/County:			
Postcode/ZIP Code:		Country:	
End User email:		End User Tel:	
Motiviation for Purchase (Process Benefit, Legislative Compliance, company Environmental, Bag Filter Performance)		Please Enter	
Industry Sector: See Guide (1)		Please Enter	PCME to complete
Specific Industry: See Guide (2)		Please Enter	Customer to Complete

STACK DETAILS	First	Second	Third	Fourth
1. Monitoring Point Identification / Name:				
2. Process (Source of dust): See Guide (3)	Please Enter	Please Enter	Please Enter	Please Enter
3. * Filter type: See Guide (4)	Please Enter	Please Enter	Please Enter	Please Enter
4. * Is this process a Constant or Batch Process? (Please specify)				
5. If NO Please explain.				
6. * Stack Diameters: (mm) Stack Diameter				
Wall thickness (if greater than 50mm)				
7. * Distance from flange/socket to stack wall: (mm) (Stand off Length)				
8. Velocity Constant: (YES/NO)				
9. * Velocity Range in m/sec: (min & max) Minimum				
Do not state 0 m/sec Maximum				
10. * Typical emissions: (mg/m ³) min / max Minimum				
Do not state 0mg/m3 Maximum				
FLUE GAS COMPOSITION				
13. Dust Material:				
14. Specify if dust material is the SAME or CHANGING				
15. IF CHANGING dust Material. Specify How. (eg change due to change in fuel type)				
16. * Flue gas temp at point of monitoring: (°C)				
17. * Water vapor content % water Minimum				
Maximum				
18. HUMID (Is water condensation possible?) (YES/NO)				
19. * WET (Are water droplets present in flue gas ?) (YES/NO)				
20. DRY (Is there constant humidity with no water condensation or water droplets. (YES/NO)				
21. * Is corrosion protection required beyond 316SS stainless steel for acid gases e.g SO₂ (YES/NO)				
22. If YES specify Concentration / Temperature of Acid Gases (%)				

APPROVALS /INSTRUMENT REQUIREMENTS				
17. Specific Regulation: See Guide (6)	Please Enter	Please Enter	Please Enter	Please Enter
27. * Certification Required: (e.g. MCERTS, TUV, US EPA)	Please Enter	Please Enter	Please Enter	Please Enter
<i>NB Data fields marked with an * must be completed as minimum requirement for order processing.</i>				



<i>NB Customer/Distributor to complete detail if known OR PCME Ltd to Specify Equipment Details</i>				
INSTRUMENT DETAILS				
Instrument Type: (Part No. of System)				
Sensor Details:	First	Second	Third	Fourth
Sensor Part Number				
Passive / Active Section Required (YES/NO)				
Insulated: (YES/NO)				
Rod Length: (mm)	Please Enter	Please Enter	Please Enter	Please Enter
Air Purge:				
System Options:				
Remote Alarm Box				
Cable length: (meters)				
Software Options:				
DustReporter 2:		Autodownload:		
Number of licenses:		Online:		
Guide and/or sketch of process and sensor position:				



mg/m³ measurement required Site Survey Form

PCME Ltd REF NO:

Customer / Distributor to Complete page 1 & 2 to confirm application details			
Completed By (Name):		Company:	
END USER DETAILS			
Company Name:		Contact:	
Address:			
Town/County:			
Postcode/ZIP Code:		Country:	
End User email:		End User Tel:	
Motiivation for Purchase (Process Benefit, Legislative Compliance, company Environmental, Bag Filter Performance)			Please Enter
Industry Sector: See Guide (1)		Please Enter	PCME to complete
Specific Industry: See Guide (2)		Please Enter	Customer to Complete

STACK DETAILS	First	Second	Third	Fourth
1. Monitoring Point Identification / Name:				
2. Process (Source of dust): See Guide (3)	Please Enter	Please Enter	Please Enter	Please Enter
3. * Filter type: See Guide (4)	Please Enter	Please Enter	Please Enter	Please Enter
4. * Is this process a Constant or Batch Process? (Please specify)				
5. If NO Please explain.				
6. * Stack Diameters: (mm) Stack Diameter Wall thickness (if greater than 50mm)				
7. * Distance from flange/socket to stack wall: (mm) (Stand off Length)				
8. Velocity Constant: (YES/NO)				
9. * Velocity Range in m/sec: (min & max) Minimum Do not state 0 m/sec Maximum				
10. Typical emissions: (mg/m ³) min / max Minimum Do not state 0mg/m ³ Maximum				
11. * Emission limit in (mg/m ³): See Guide (5)				
12. Describe any exclusions in emissions above typical levels: (e.g Startup / Bypass)				
FLUE GAS COMPOSITION				
13. Dust Material:				
14. Specify if dust material is the SAME or CHANGING				
15. IF CHANGING dust Material. Specify How. (eg change due to change in fuel type)				
16. * Flue gas temp at point of monitoring: (°C)				
17. * Water vapor content % water Minimum Maximum				
18. HUMID (Is water condensation possible?) (YES/NO)				
19. * WET (Are water droplets present in flue gas ?) (YES/NO)				
20. DRY (Is there constant humidity with no water condensation or water droplets. (YES/NO)				
21. * Is corrosion protection required beyond 316SS stainless steel for acid gases e.g SO ₂ (YES/NO)				
22. If YES specify Concentration / Temperature of Acid Gases (%)				

23. * Hazardous Zone Rating: (Specify Gas or Dust Zone)				
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24. Specific Regulation: See Guide (6)	Please Enter	Please Enter	Please Enter	Please Enter
25. * Operational (Instrument) range: (eg 25-200)	Please Enter	Please Enter	Please Enter	Please Enter
26. Certification Range: (eg 0-10, 0-100)	Please Enter	Please Enter	Please Enter	Please Enter
27. * Certification Required: (e.g. MCERTS, TUV, US EPA)	Please Enter	Please Enter	Please Enter	Please Enter
NB Data fields marked with an * must be completed as minimum requirement for order processing.				

NB Customer/Distributor to complete the following details if known OR PCME Ltd to Specify Equipment Details				
INSTRUMENT DETAILS				
Instrument Type: (Part No of System)				
Controller Details: (Network Products)				
Interface (Single) or Multi Controller:				
Sensor Details:	First	Second	Third	Fourth
Sensor Part Number				
Passive / Active Section Required (YES/NO)				
Insulated: (YES/NO)				
Rod Length: (mm)	Please Enter	Please Enter	Please Enter	Please Enter
Air Purge:				
System Options:				
Ethernet Option: (Yes/No)		IP Address:		
AOM: (Analogue output module) (8 x 4-20mA)		Spur Unit:		
AIM: (Analogue input module)		PSU: (Power Supply Unit)		
ROM: (Relay alarm output module) (8 x alarm relays)				
Local Outputs:(DT990 Only)				
Cable length: (meters)				
Software Options:				
DustView		Autodownload:		
DustReporter 2:		Predict:		
Number of licenses:		Online:		
Guide and/or sketch of process and sensor position:				



EN-14181 Site Survey Form

PCME Ltd REF NO:	
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Customer / Distributor to Complete pages 1 & 2 to confirm application details			
Completed By (Name):		Company:	
END USER DETAILS			
Company Name:		Contact:	
Address:			
Town/County:			
Postcode/ZIP Code:		Country:	
End User email:		End User Tel:	
Industry Sector: <i>See Guide (1)</i>	Please Enter	PCME to complete	
Specific Industry: <i>See Guide (2)</i>	Please Enter	Customer to Complete	

STACK DETAILS	Primary Stack	Redundant Stack
1. Process: (Source of dust): <i>See Guide (3)</i>	Please Enter	Please Enter
2. Filter type: <i>See Guide (4)</i>	Please Enter	Please Enter
3. Is this process a Constant or Batch Process? (Please specify)		
4. If NO Please explain.		
5. Stack Diameters: (mm)	Stack Diameter	
	Wall thickness (if greater than 50mm)	
6. Velocity Constant: (YES/NO)		
7. Velocity Range in m/sec: (min & max)	Minimum	
Do not state 0 m/sec	Maximum	
8. If NO describe cause of Velocity Variation: (e.g describe how fan speed varies)		
9. Typical emissions: (mg/m ³) Do not state 0mg/m ³		
10. Describe any exclusions in emissions above typical levels: (e.g Startup / Bypass)		

INSTALLATION DETAILS		
11. Distance from flange/socket to stack wall: (mm) (Stand off Length)		
12. Flow Direction in Duct: (<i>LMS181 only See Guide 7</i>)		
13. Pressure of Stack: (milibar (KNm) +ve or -ve) LMS181 product only		
14. Confirm if customer to provide clean, Dry Instrument Air. 30 litres per min 30PSIG. (YES/NO)		

Guide and/or sketch of process and sensor position:
Diagram of the proposed position of the sensor relative to SRM position, Duct work bends, Fans.



15. Legislative Compliance (WID/LCPD/European Directive/Other)	Please Enter	Please Enter
16. Emission limit value (mg/m3) Daily: <i>See Guide (5)</i>		
17. Require PCME to provide QAL2 technical Assistance (YES/NO)		
18. Name of proposed sampling company for QAL 2 Calibration (UK Only)		
19. Date for deadline for QAL 2 testing to EN-14181 (If relevant)		
FLUE GAS COMPOSITION		
20. Dust Material:		
21. Specify if dust material is the SAME or CHANGING		
22. IF CHANGING dust Material. Specify How. (eg change due to change in fuel type)		
23. Flue gas temp at point of monitoring: (°C)		
24. Water vapor content % water	Minimum	
	Maximum	
25. HUMID (Is water condensation possible?) (YES/NO)		
26. WET (Are water droplets present in flue gas ?) (YES/NO)		
27. DRY (Is there constant humidity with no water condensation or water droplets. (YES/NO)		
28. Is corrosion protection required beyond 316SS stainless steel for acid gases e.g SO₂ (YES/NO)		
29. If YES specify Concentration / Temperature of Acid Gases. (%)		
NB All Data fields must be completed as a requirement for order processing.		



<i>NB PCME Ltd Or Distributor to Specify Equipment Details</i>			
INSTRUMENT DETAILS			
Instrument Type:			
Controller Details: (Network Products)			
Interface (Single) or Multi Controller:			
Sensor Details:			
Sensor Part Number			
Passive / Active Section Required (YES/NO)			
Rod Length: (mm)			
Air Purge: Regulator / Blower			
Local Outputs:			
Cable length: (meters)			
System Options:			
Ethernet Option: (YES/NO)			IP Address:
AOM: (Analogue output module)			Spur Unit:
AIM: (Analogue input module)			PSU: (Power Supply Unit)
ROM: (Relay alarm output module)			
Software Options:			
QAL 2 Reporter			Predict:
Autodownload:			Online:
Number of licenses:			