

OUTLINE METHOD STATEMENT

INSTALLATION OF ENVIRONMENTAL MONITORING EQUIPMENT AT STEPHENSON HOUSE, 75 HAMPSTEAD ROAD

Client	8Build Limited			
Method statement No.	EEMC-MS-098-0	Revision No.	00	
Title	Installation of Environmental Monitoring Equipment			
Start Date of Works	1 st August 2018	Duration	12 Weeks	

Revision History					
Document No.	Revision No.	Issue Date	Author	Description of Modifications	
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This Revision					
	Print Name	Signature	Position	Issued to:	
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Sign off:	Print Name	Signature	Date
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1. Introduction

To ensure compliance with environmental project requirements continuous-automated dust (PM10) monitor(s) are to be installed prior to the commencement of demolition and construction works undertaken by 8Build at Stephenson House, 75 Hampstead Road, Camden.

This monitoring aims to provide assurances to the client and the project team in regard to recorded and reported dust levels and the data will be compared with the agreed trigger/action levels based on baseline readings. The dust monitoring is also in order to discharge a planning condition for the project.

Supplementary Planning Guidance (SPG) addresses dust (PM10). The current recommended trigger/action concentration levels for PM10 are 150µg/m3 15-minute average and 250µg/m3 15-minute average.

The dust monitors are normally placed at higher elevations and located in outdoor enclosures. The approximate location of each monitoring station is indicated in the following sections of this Method Statement.

2. Scope of Works

The works described in this Method Statement are based on the following primary activities:

• Installation of 1 nr. calibrated dust (PM10) monitors

3. Enabling Works

- EEMC Ltd has been liaising with the 8Build project team who will contact building occupiers/owners and arrange access to the monitoring locations.
- NDV monitoring equipment require either 110v or 220v power supply and current arrangements will be used.
- Means of access to be provided by 8Build.

4. Method of Works

Installation of Dust Monitors:

The proposed locations of monitoring receptor positions will have been assessed for suitability by the client in liaison with Camden Council. The indicative locations of these monitors are shown in the map in Figure 1 on Page 5.

The dust (PM10) monitors must be located at high level with direct line of sight of work activities to ensure they records representative measurements of dust (PM10) generated during demolition, construction and associated works.

During the installation visit, the locations for monitoring will be assessed for suitability, compliance and safe installation. The dust monitor will be fixed to a heavy duty tripod using customised brackets and cable ties as required. The proposed location is a second floor balcony, with low edge. Monitoring equipment will be installed at least 2m from the edge of the balcony with operatives working at least at this distance from the edge.

Units are to be powered by 110v or 240v permanent mains power supply arranged and installed by 8Build.



Maintenance of the dust monitors will involve access to the inlet head and system case. The filters in each system will be checked and if necessary replaced. The inlet head will also be cleaned using a clean wipe. Any necessary software upgrades may also be applied using a laptop connected to the system.

An example Dust Monitor is shown in Image 1 below:











5. Logistics

Site Working Hours

• Monday-Friday 08.00-18.00, Saturday 08.00-13.00

Access to site is via 8Build.

No parking is available on site, EEMC will make journeys to site by public transport. If required, deliveries will be arranged with 8Build and their logistics contractor.

6. Control Masures (Permit, Exclusion Zones, PPE etc)					
Permits Required	Yes	No	Assessments (Attach If Yes)	Yes	No
Hot works			COSHH		
Crane check list			Noise		V
Excavation			Manual handling		
Confined space entry			Electrical Isolation		
Riser shafts					

PPE may be required for this task for access only. The main activity to be carried on site is installation of the environmental monitor(s). This requires only hand tools, replacement consumable parts, calibration reference equipment and laptop/computer.

Specific requirements of the project will be adhered in regards to PPE: hard hat, glasses, high-viz vest, gloves and safety boots.

If access at height, using a platform or ladder is required, this will be provided by 8Build.

7. RESOURCES	
Personnel	Equipment
1x Project/Site Manager from 8Build	1 No. Dust Monitor
1x Member of EEMC team.	Laptop/computer
	Small hand tools (screw drivers, snips etc.)
	Miscellaneous fixings, cable ties and security locking systems
	Means of Access (client to arrange as required)
Mataviala	

Materials

None required other than equipment listed above.

8. RISKS AND CONTROLS

Working with Electricity

Certified electrical equipment, plug and play, no alterations to existing wiring and installation required, trained and competent personnel on installation of monitors, 110V cables, only IP rated equipment suitable for external use to be used.



Manual Handling

<u>Risks</u>: strains & sprains to muscles and joints; cuts and abrasion from rough surfaces, sharp or jagged edges, splinters.

<u>Control Measures:</u> Ensure authorised and experienced operatives carry out the task; operatives given briefing on work to be carried out; use mechanical means where possible; work area to be kept clear of obstructions at all times; material stored correctly on delivery; correct PPE should be worn; ensure that all access/egress are kept clear; ensure that materials are stored correctly and removed as soon as practicable; ensure good level of lighting.

Use mechanical means wherever possible, stay well within personal capabilities but no more than 20kg per person, keep access ways clear, use team lifts where mechanical lifting is not possible.

Working at Height

<u>Risks</u>: personnel falling; falling materials/equipment; use of ladders.

<u>Control Measures:</u> Work involving a leading edge will require a full body safety harness. Personnel involved in the installation of monitors will walk away from leading edge; no unauthorised persons will be allowed to access the working area; the work area will be keep clear of any obstructions; limited time to be spent in the working areas to allow only for the placement of noise and dust monitors; ladders can be used for access only; the ladders shall be fixed in position and 3 points of contact on the ladder at all times (in full compliance with client's H&S policies)

No working at height is envisaged for the exercise of installing dust monitoring equipment at Stephenson House. Monitoring equipment will be installed away from the balcony edge.

Slips, trips and falls

Risks: slippery walkway; narrow staircase and low level doorways and other obstructions.

<u>Control measures</u>: suitable PPE worn; care to be taken and no access into the installation area if wet conditions or when it is raining; all works to take place in daylight hours; obstructions to be briefed to the installation team before work commences.



9. CHANGES NOTED DURING WORKS

AS ATTENDANCE ON SITE IS INFREQUENT THIS SPACE TO UPDATE RAMS IF REQURED DURING OR FOLLOWING SITE VISIT. INCLUDE IDENTIFICATION OF ANY NEW / ADDITIONAL RISKS AND HOW THEY WERE MANAGED.

10. Method Statement Briefing

I hereby acknowledge that I have attended, received and understood the above-mentioned Method Statement and Risk Assessment briefing. I have been briefed on (either by reading it myself or having it read to me) and I have understood the contents of this document. I will undertake the works outlined in it in line with the sequence of work detailed in the method statement. If the work cannot be conducted in accordance with this Method Statement, or there is a new hazard or increase in a risk, I will cease work and notify my supervisor and the client representative. I understand that my supervisor and client are happy for me to stop work where there is any ambiguity about any hazard or risk.

No	Name	Signature	Date & Time