



Method Statement for the Installation of Structural Steelwork

Rev 0

Contract Title	Ancoats Dispensary
Site Address	Old Mill Street, Manchester, M4 6AS
Principal Contractor	Eric Wright Construction
Method Statement Created By	Ian Bell
Date Created	28-06-22
Signature of Creator	<i>Ian Bell</i>
Revision Number	Rev 0

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1. Welfare Arrangements

To be provided by EWC the location of welfare facilities must be highlighted during induction.

Security Arrangements											
On Site Security Provided by the Client/PC				Container Required				Tools & Equipment to be removed at the end of each shift			
YES		NO	X	YES		NO	X	YES	X	NO	
Notes/Further Information											

2. Medical Arrangements

First Aid

Global Engineering Ltd to ensure that all vehicles have an emergency first aid kit available. All accidents, incidents and near misses are to be reported as soon as possible by the site supervisor to the Site Manager, Global Engineering's management and EWC management. If made available & aware of at site induction Global Engineering operatives may utilise the first aid facilities provided by EWC

3. Responsible Personnel

Contact Information			
Head Office	Global Engineering Ltd Unit 9 Cricket Street Wigan		
Telephone	01942 324484	Facsimile	01942 824553
Key Personnel		Mobile	e-mail
Ian Bell Managing Director		07711 917125	ianbell3@btconnect.com
Mick McMillan Site Manager		07770 845040	globalprojects@btconnect.com
Gary Bollington Health & Safety Manager		07743 476529	gary@thehealthandsafetymanager.com
SITE OPERATIVE INFORMATION			
3 x Operatives (1 x Foreman)			

4. Access/Egress

Safe access/egress

Safe access/egress through the site must be provided by the EWC to/from our areas of work this is to be highlighted during site induction & subsequent instructions issued by EWC.

5. Method/Sequence of work

Prior to starting work

- Operatives to attend site induction.
- Site Supervisor to check sequence & site-specific risk assessment against site conditions and revise/amend if necessary.
- Site Supervisor to brief operatives on Method Statement and associated risk assessments & documentation.
- Establish exclusion zones where required
- Obtain any permits to work from EWC if required.
- Global Engineering operatives will supply all relevant plant certification to EWCC management.
- Global Engineering will enter all plant and equipment into the site registers.

Ancoats Dispensary Grade II listed.

ARCHAEOLOGICAL AND HISTORIC SITE CONSIDERATIONS

All works will be taken with the uppermost care due to the nature of the building, the North West and North East Facades are of historical interest and are grade II listed

All operatives will be adequately briefed on the significance of the historic building and the level of care that is expected by EWC in the site induction. A tool box talk will also be given mid-way through the works as a reminder to the operatives on site.

Any Columns near to existing facade will be lowered to height at a safe distance. The erectors will then get hands on the column and guide into position and fix making sure no contact between the façade and steel is required.

Any beams near the existing façade will be hoisted using guy ropes, the beam will then be lowered to the correct height at a safe distance from the façade. The erectors will then hold the guy ropes whilst manoeuvring the beam into position

To connect the slab to the existing brickwork a steel angle will be fixed horizontally along the inside face of the existing brickwork top at 300mm centres with 16mm diameter Hilti Hit-270 resin anchors. The steel angle itself will be 200x150x12rsa. This is strictly in accordance with drawing *210005-RDG-XX-ZZ-DR-S-0056*

SEQUENCE OF WORKS

Global Engineering Ltd will carry out all works in accordance with the relevant statutory requirements, ACoPs & guidance published by HSE.

Global Engineering Ltd Site Manager &/or Site Supervisor to assess the task(s) prior to works commencing in order to identify the correct sequence in order to carry out the works safely & efficiently by completing the table below.

Global Engineering Ltd manager will complete the sequence of works/method statement well in advance of works commencing on site & issue to EWC for review & comments.

Any minor changes to the sequence can be carried out at site level by the Site Supervisor using the supervisor's notes column.

If situations arise during the project that requires significant changes to methods, sequence of work etc. contact the site manager responsible for the project. A copy of this MUST be submitted to EWC prior to works commencing for authorisation, with a copy returned to Global Engineering Ltd for our records

No.	Description/Sequence	Supervisors Notes
1	Erection of structural steelwork Mobile crane on site, access to via MEWP	
2	<u>Set up crane as per lifting plan</u> The delivery wagon will be backed into site and up to the crane The steel work will then be unloaded into the agreed laydown area	Wagon to have edge protection pre-installed, steel loads will not be stacked higher than the edge protection can facilitate for safe access
3	Columns will now be hoisted vertically and landed onto the HD bolts and securely fixed down	Column installation will be as per erection sequence. Columns near to existing façade will be lowered to height at a safe distance from the façade, erectors will then get hands on the column and guide into position and fix
4	With columns installed and secured we will now commence the installation of tie beams/floor beams between columns Working from the 1 st floor upwards	Access will be via MEWPS positioned inside the building
5	As beams are landed, they will be fully bolted but left finger tight at this stage.	Any beams near to existing façade will be hoisted using guy ropes, the beam will be lowered to the correct height at a safe distance from the façade, the erectors will then hold the guy robes whilst maneuvering the beam into position
6	The above process will continue until all beams are installed	
7	The Steel frame will now be checked for grid line accuracy, lined and levelled and all bolts fully tightened	
8	The above process will be repeated for each phased delivery	

On completion of our works our Manager &/or Supervisor will inspect our works along with EWC Site Management representative to ensure that all areas are completed satisfactorily.

Permits

Hot works permit – N/A

Other Permits – Operatives to establish at site induction if any other permits are required, site supervisor to ensure all permits are acquired/in place prior to works commencing in accordance with site rules & procedures.

Emergency Plans

Operatives to follow EWC site Emergency Plans with regards to fire and evacuation as instructed at induction.

In the event of any emergencies relating to our operations works must cease & operatives must evacuate the immediate area until the problem has been assessed & a plan formulated & put into practice, the area(s) must be deemed safe before works re-commence. Do not attempt to take action until the situation has been assessed!
Report any emergency situations to Global Engineering Ltd management ASAP.

6. Temporary Works

There are no temporary works identified for our works on this project, if any temporary works are identified they must be authorised by EWC's temporary works department prior to works commencing.

Details of any temporary works that are identified by GEL will be submitted to EWC under separate cover e.g. Lifting Plans & Berthing Studies.

7. Hazard Identification/Risk Assessment

Generic assessments have been carried out for those operations/tasks that are common to all construction sites in relation to our activities & are attached as appendix 1.

If situations arise during the project where further significant hazards have been identified prior to or during works that pose a significant risk to operatives or third parties, contact the site/contracts manager responsible for the project.

8. PPE

Operatives to wear mandatory PPE as stipulated by EWC at induction, as a minimum Operatives are to wear steel toe capped boots, hard hats, gloves and high visibility vest at all times.

Report any damaged PPE at once & ensure it is replaced. Whilst carrying out any operations which may cause any dust i.e. drilling etc. dust masks will be worn, Global Engineering will determine the type of mask suitable for the operation and a face fit test will be carried out on each individual operative to ensure suitability.

9. Materials

Materials/Description	Quantity
Structural Steel	various

10. Plant, Vehicles, Equipment and Tools

List equipment etc. here	Quantity	Notes
Hand tools	various	
Mag drill	1	
Transit type support vehicle	1	
Mewp	2	

All plant and equipment will be inspected prior to use and every 7 days and recorded in EWC site register.

11. Environmental Management

Global Engineering Ltd will carry out its duties in accordance with all relevant environmental legislation, codes of practice, pollution prevention guidelines, company & site policies & procedures.

11.1 Disposal of Waste & Special Waste

All materials removed during the works will be removed from site and disposed of by Global Engineering

11.2 Spill Control

N/A

11.3 Noise

Noise levels from our activities will be minimal but may exceed 75 dB for short durations

11.4 Fuel Storage & Re-Fuelling

Fuel storage will not be required for these works.

12. Berthing Studies & lifting plans

Berthing studies & lifting plans for lifting operations will be carried out by a qualified appointed person for lifting operations.

Global Engineering Ltd will also provide trained Slinger/Signallers carrying out the slinging of materials & directing of the mechanical lifting device

13. Manual Handling

See Appendix 1 “Risk assessment

14. Subcontract Elements

Global Engineering Ltd may use sub-contractors to carry out elements within the package, all Sub – Contractors will work to an agreed method statement

Plant hire operatives & companies used will be checked through [CPA](#) & labour only sub-contractors competence must be checked by our management generally using skills/competence cards/certificates as proof of competence & training

5. Hazard Identification/Site Specific Risk Assessment

						
Site Specific Risk Assessment						
IDENTIFY SITE SPECIFIC HAZARDS			IDENTIFY CONTROL MEASURES TO REDUCE THE RISK			
Site specific hazards will be identified prior to works commencing & during the works if necessary.						
IDENTIFY THOSE AT RISK						
OPERATIVES	x	OTHERS (Give details below)				
THIRD PARTIES	x					
		Unlikely	Seldom	Possible	Likely	Definite
Probability of injury or illness without control measures in place.					✓	
Probability of injury or illness with control measures in place.	✓					
		First - Aid	Reportable	Major	Disable	Fatal
Potential severity of injury or illness without control measures in place	✓	✓	✓	✓	✓	✓
Potential severity of injury or illness with control measures in place	✓	✓				
WITH ALL THE CONTROL MEASURES IN PLACE IS IT SAFE TO PROCEED						
YES	✓		NO			

Site Specific Risk Assessment Carried out by.	NAME	DATE	SIGNATURE
Site Specific Risk Assessment revised by.	NAME	DATE	SIGNATURE



16. Method Statement Verification Sheet

ALL OPERATIVES MUST HAVE READ&/OR BEEN BRIEFED & UNDERSTOOD THE METHOD STATEMENT, RISK ASSESSMENTS AND ALL SUPPORTING DOCUMENTATION PRIOR TO WORKS COMMENCING, if in doubt ASK!

I confirm I have fully read &/or been briefed & understood this method Statement and all supporting documentation & I will carry out my duties in accordance with it.

Contract No & Title

NAME	JOB TITLE	SIGNATURE	DATE

A copy of the above MUST be submitted to EWC with a copy retained & returned to Global Engineering Limited's head office for record purposes.