

	Document: MET-QEF 35 Method Statement	Ref. – 132692
Activity:	repair on cast iron truss upstream	No.-
Location:		Date: 19/11/2024
Work area:		Issued by: Metalock Engineering UK Ltd Assessed by:

Document Status: Preliminary ☐ Final ☒	Handling: For Metalock Engineering use only
--	--

Table of Contents

1. Introduction

1.1 Scope / Purpose

2. Roles and Responsibilities

3. Safe Systems of Work

3.1 Location & Working Areas

3.2 Inductions & Briefings

3.3 Training Requirements

3.4 Personal Protective Equipment (PPE)

3.5 Welfare Arrangements

3.6 Emergency Arrangements

4. Environmental Considerations

4.1 Waste

4.2 COSHH Assessments

4.3 Housekeeping

4.4 Noise

5. Equipment & Procedure

5.1 Equipment

5.2 Assembly & Disassembly of Machinery

5.3 Work Procedure

6. Referenced Documents

1. Introduction

1.1 Scope / Purpose

2. Roles and Responsibilities

3. Safe System of Work

3.1 Location & Working Areas

On site Cold stitch Supervisor must assess the area of work and ensure it is safe to begin work.

Working area to be cordoned off with barrier tape and warning signs with access only authorised to Metalock personnel who have gained permission from the Supervisor and have read, understood and signed the Risk Assessment and Method Statement.

Working area is to be kept clear and tidy at all times to prevent the risk of slips, trips and falls.

Upon completion ensure all tools, materials, etc are removed and the workplace is left tidy.

3.2 Inductions & Briefings

All personnel are to be suitably trained and competent to fulfil their roles and responsibilities.

All personnel carrying out the task have read, understood and signed the Acceptance Register for the Risk Assessment and Method Statement relevant to the task.

3.3 Training Requirements

The following training is required to carry out this task:

- CCNSG Safety Passport
-

Copies of employee training certification will be provided to customer.

3.4 Personal Protective Equipment (PPE)

When working inside the cordoned area, all personnel must wear the following PPE:

PPE Requirements				
 ☒ Hard Hat	 ☒ Eye	 ☒ Footwear	 ☒ Gloves	 ☒ Coveralls
 ☒ >80dB(A) Ear	 ☐ Lifejacket	 ☒ Hi Vis	 ☒ Dust Mask	 ☒ Other
PPE details Site mandatory PPE: • High-visibility waste coats or overalls at all times. • Hard hat or equivalent head protection to be worn at all times. • Safety Glasses. Minimum to EN166.1.B.3.4. Must be worn at all times whilst on site. • Boots. Steel toe-capped safety boots with ankle support and midsole protection, BS EN 345. No Rigger Boots for land-based works. Must be worn at all times whilst on site. • Gloves. Multi task CAT 3 cut resistant gloves to BS EN 388 to be used for general activities. No gloves required for pendant use. • No gloves required for adjusting the slide to put on the cut. • Additional task specific PPE requirements as per attached risk assessment. For example:				

- | | |
|--|---|
| | <ul style="list-style-type: none"> • Hot works - Full face visor or heat and impact resistant goggles, flame retardant overalls and heat/cut/abrasion resistant gloves to be worn, FFP3 face fitted or positive pressure RPE. • Grinding - FFP3 face fitted or positive pressure RPE (no stubble permitted, for beards hooded masks required), impact resistant goggles, ear defenders, cut resistant gloves. |
|--|---|

3.5 Welfare Arrangements

The customer will provide adequate welfare facilities for Metalock Engineering UK Ltd employees.

3.6 Emergency Arrangements

Emergency arrangements for the customer's site must be made clear by the client in way of an induction. Metalock Engineering UK Ltd employees must ensure that these are understood.

Customer to have an engineer onsite at all times to look after Emergency problems

In case of emergency contact:

-

4. Environmental Considerations

4.1 Waste

General waste / Recyclable waste from the operation will be disposed of in to designated waste receptacles. Contaminated waste, packaging and containers, and COSHH products waste, must be identified, recorded, double bagged and clearly labelled for disposal of by licenced carrier to licenced disposal site, not placed in general skips.to be supplied by customer

4.2 COSHH Assessments

Any COSHH substances taken to site will be accompanied by the manufacturer's MSDS and a COSHH Assessment completed by Metalock Engineering UK Ltd. The use, storage and disposal of the substance and its container will be in accordance with information provided within the forementioned documents.

4.3 Housekeeping

In the event of spillage use designated Spill kit contents to retain and absorb spilt substances. Dispose of contaminated material into a designated contaminated waste container.

Work areas will be kept clean and tidy at all times with regards to tools, equipment, debris, trailing leads and waste to prevent slips, trips and falls. Designated walkways will be kept clear at all times.

To be organised by customer

4.4 Noise

Hearing protection shall be provided in areas where noise levels exceed 80dB, and hearing protection must be worn when noise levels exceed 85dB. Barriers with warning signs must be in place in either case. If not sure of the noise level, then ask supervisor to carry out a noise test.

5. Equipment & Procedure

5.1 Equipment

All plant and equipment comes under Provision and Use of Work Equipment Regulations (PUWER) 1998. To ensure compliance the completion of document MET-QEF 17 Machinery Assessment Form is required.

Any damage or items rendered not fit for purpose are to be reported to Supervisor and taken out of service immediately. Such items are to be clearly tagged and identified as 'DO NOT USE' and placed in quarantine and removed from circulation.

The following equipment will be used to carry out this task;

-

5.2 Method statement for repairing the cast Iron Truss Gravesend pier as requested.

1. Secure the damaged cast iron panel to the adjacent cast iron panel with strap clamps and thread bar.
2. Remove section 4 using the Metalock process.
3. Insert the new casting section 4 using the Metalock process.
4. Drill out the existing bolt below section 3. Drill and tap a new m24 hole and insert the new m24 bolt using a magnetic base drill.
5. Remove section 3 using the Metalock process.
6. Insert the new casting section 3 using the Metalock process.
7. Drill and tap a new m24 hole in section 3 and insert the new m24 bolt using a magnetic base drill.
8. Remove section 2 using the Metalock process.
9. Insert new casting section 2 using the Metalock process.
10. Drill out the existing bolt below section 1. Drill and tap a new m24 hole and insert the new m24 bolt using a magnetic base drill.
11. Remove section 1 using the Metalock process.
12. Insert the new casting section 1 using the Metalock process.
13. Drill and tap a new m24 hole in section 1 and insert the new m24 bolt using a magnetic base drill.

IF IN DOUBT ASK

Metalock Engineering UK Ltd: Risk Assessment & Method Statement Record
Acceptance. I have read and understood the Risk Assessment and Method Statement of:
and agree to comply with the Instructions

PRINT	SIGN	DATE

