

# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Work with mechanical plant

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### Identified Hazards

### Control Measures

- |                                   |   |
|-----------------------------------|---|
| 1 Being struck by machine         | 1. Only competent operator to CITB standard to operate machine<br>Maintain adequate task lighting<br>Maintain clearance min 600mm   |
| 2 Build up of Carbon Monoxide gas | 2. Maintained modern plant only<br>Monitor gas levels with gas detector<br>Install forced air ventilation<br>Install extract system |

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### Action Plan

### P.P.E.

- |   |                     |
|---|---------------------|
| 1 Maintain good lighting levels                   | Helmet    yes       |
| 2 Good supervision                                | Eye Protection      |
| 3 Approved machine operators                      | Ear protection      |
| 4 Monitor gasses                                  | Respirator    yes?  |
| 5 Operator to be aware of close proximity working | Gloves    yes       |
| 6 Maintain F91/1/c Weekly                         | Footwear    yes     |
|   | Wellington's        |
|   | Other High vis vest |
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**Assessed by:** Carl Wright

**Title :** SAFETY ADVISOR

# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Materials handling

### Identified Hazards

### Control Measures

- |  |   |
|--|---|
| 1 Manual -back injury                                  | 1. see risk assessment on Manual handling   |
| 2 Mechanical - fall of load                            | 2. Only competent slinger to sling load from lifting appliance<br>Only competent operator to CITB standard to operate lifting appliance |
| 3 Incorrect slinging<br>(causing -Swaying or twisting) | 3. Only competent slinger to sling<br>Do not lift directly overhead<br>Always use tag lines for windy conditions                        |
| 4 Injury to others                                     | 4. Keep area clear of others  |

### Action Plan

### P.P.E.

- |   |                 |
|---|-----------------|
| 1 Method statement                              | Helmet    yes   |
| 2 Good supervision                              | Eye Protection  |
| 3 Approved machine operators & slinger banksman | Ear protection  |
| 4 Tag lines for windy conditions                | Respirator      |
| 5 Maintain area clear of others                 | Gloves    yes   |
|   | Footwear    yes |
|   | Wellington's    |
|   | Other           |

**Assessed by:** Carl Wright

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# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Mobile Craneage

### Identified Hazards

### Control Measures

1 Failure of equipment

1. Ensure current Test, Test & Thorough Examination and Inspection are in Good Order for both Lifting Appliance and Lifting tackle

Only competent Driver to operate

Only competent slinger to sling loads

2 Being struck by loads

2. Tag lines to be used for control  
cordon off the area with safety signage and hazard tape

3 Overturning

3. Only competent Driver to operate  
Ensure S.L.I. is operating  
Ensure ground is firm & level  
Ensure Outriggers are used  
Check for under ground services

### Action Plan

### P.P.E.

1 Method statement

Helmet      yes

2 Identify work areas with hazard tape

Eye Protection

3 Complete crane check lists

Ear protection

4 correct documentation

Respirator

5 Competent operator

Gloves      yes

Footwear      yes

Wellington's

Other

**Assessed by:** Carl Wright

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# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Placement of pre cast planks

### Identified Hazards

### Control Measures

1 Fall of load

1. Ensure current Test, Test & Thorough Examination and Inspection are in Good Order for both Lifting Appliance and Lifting tackle  
 Only competent Driver to operate  
 Only competent slinger to sling loads  
**Place slings at correct position**  
**Max 4 x ( thickness of slab )**  
**unless using frimedas etc**  
**Obtain manufacturers literature**  
**\*do not take load over occupied areas - cabins, highways etc.**

2 Being struck by loads

2. Tag lines to be used for control  
 cordon off the area with safety signage and hazard tape

3 Damage to pre cast

3. Follow manufactures storage and stacking arrangements

### Action Plan

### P.P.E.

1 Method statement

Helmet      yes

2 Identify work area below with hazard tape

Eye Protection

3 Good supervision

Ear protection

4 Safety Harnesses may be required only if a fall distance of 6m is available.

Respirator

Gloves      yes

Footwear      yes

Wellington's

Other

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# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Work with Hazardous materials

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### Identified Hazards

1 Direct contact with hazardous materials

### Control Measures

1. Carry out C.O.S.H.H. assessment prior to use of material

Ensure adequate supply of Personal Protective Equipment

Storeman to maintain P.P.E.

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### Action Plan

1 See C.O S.H.H. assessment

2 Provision of P.P.E.

### P.P.E.

Helmet yes

Eye Protection yes ?

Ear protection yes ?

Respirator yes ?

Gloves yes ?

Footwear yes

Wellington's yes ?

Other

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**Assessed by:** Carl Wright

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# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Work with Tools

### Identified Hazards

### Control Measures

1 Personal injury  
Hand Tools

1. All hand tools to be maintained in Good order.  
Storeman or Supervisor to regularly inspect. Ensure all relevant safe guards are in place and operational  
Instructions on safe use to be given.

2 Personal injury  
Bench mounted

2 Establish clear work area, cordon off if necessary.  
All hand tools to be maintained in Good order.  
Storeman or Supervisor to regularly inspect. Ensure all relevant safe guards are operational  
Instructions on safe use to be given.

### Action Plan

### P.P.E.

1 Training Certificates to be obtained where applicable

Helmet      yes

2 Only use tools if in good order

Eye Protection      ? yes

3 Regularly inspect all tools

Ear protection      ? yes

Respirator      ? yes

Gloves      ? yes

Footwear      yes

Wellington's

Other

**Assessed by:**      **CARL WRIGHT**

**Title :**      **SAFETY ADVISER**

# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Work in public area

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### Identified Hazards

### Control Measures

1 Injury to member of public by working practice.

Isolate work area from public  
Establish and maintain physical barrier or fences  
Erect warning signage

2 Dusty & noisy activities.

Erect debris nett or polythene sheeting  
Adequate exhaust ventilation  
noise control measures

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### Action Plan

### P.P.E.

1 Method statement

Helmet      yes

2 Work out of hours if possible

Eye Protection

3 Good supervision

Ear protection

4 Maintain clear access ways

Respirator

Gloves

Footwear      yes

Wellington's

Other      High Vis

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**Title :**      **SAFETY ADVISOR**

# MANN CONSTRUCTION

## Risk Assessment

**Job title :** C/O Kier Build - Beckton old gas works - Gallions reach

**Activity :** Reversing Vehicles

### Identified Hazards

### Control Measures

1 Injury to member of public	Isolate work area from public Establish and maintain physical barrier or fences Erect warning signage
2 Injury to operative on site	Trained banksman to control all vehicle movements, all operatives to wear high visibility clothing to BS6629 Traffic routes to be clearly identified and signage erected adequate segregation of traffic routes by the Principal Contractor

### Action Plan

### P.P.E.

1 Maintain clear access ways	Helmet	yes
2 Ensure good housekeeping	Eye Protection	
3 Banksman to be clearly identified	Ear protection	
4 Maintain eye contact with the driver or wing mirrors at all times	Respirator	
5 Give clear handsignals	Gloves	
5 Ensure all holes and Manholes are barriered off or covered with road plates	Footwear	yes
6 Ensure all vehicles are in good order - (reversing alarms work, no splits or tears in the tyres, both wing mirrors are in tact)	Wellington's	
	Other	High visibility vest

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