



RISK ASSESSMENT & METHOD STATEMENT

INSTALLATION OF NEW LED FLOODLIGHTS

HEREFORD FC

MUSCO LIGHTING EUROPE LTD

8036-DMC-HFC-HS-RAMS-001

ISSUE NUMBER	ISSUE DATE	AUTHORISATION
01	13/09/2024	Shane Tugwell

## DMC ELECTRICAL CONTRACTORS LIMITED - METHOD STATEMENT

<b>Contract Manager: Shane Tugwell</b>	<b>Site Supervisor: Shane Tugwell</b>
<b>Originator:</b> Shane Tugwell <b>Position:</b> Director <b>Date:</b> 13 <sup>th</sup> September 24	
<b>Company:</b> DMC Electrical Contractors Limited Unit B2 Enterprise Industrial Estate, Crowhurst Road, Brighton, BN1 8AF	
<b>Telephone:</b> [REDACTED]	
<b>Start date:</b> 23/09/2024	<b>Anticipated completion date:</b> 04/10/2024
<b>Scope of Work:</b> This method statement is critical to the health and safety of the activity it relates to and must be strictly adhered to at all times by all employees. It is designed to ensure the safety of all personnel on site for the duration of the work to be carried out. Any deviation from this method statement must be reported in the first instance to the Site Supervisor.	
<b>References:</b> The Management of Health and Safety at Work Regulations 1999 (as amended) Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR) Health and Safety at Work Etc. Act 1974. Work at Height Regulations 2005 (as amended) Electricity at Work Regulations 1989 Provision and Use of Work Equipment Regulations 1998 Construction Design and Management Regulations 2015 Manual Handling Operations Regulations 1992 (as amended) Personal Protective Equipment at Work Regulations 1992 Control of Substances Hazardous to Health Regulations (COSHH) 2002 (as amended)	
<b>Location Address:</b> Hereford FC, Edgar Street, Hereford HR4 9JU  <b>Start date:</b> Work will commence on 23 <sup>rd</sup> September 2024  <b>Duration of works:</b> It is anticipated the work will be completed within Ten weeks of commencement.  <b>Client:</b> Hereford FC, Edgar Street, Hereford HR4 9JU/Musco Lighting Europe Ltd, Unit 1005 Great Bank Road, Wingates Industrial Estate, Westhoughton, Bolton, BL5 3XU  <b>Principal Contractor:</b> Musco Lighting Europe Ltd, Unit 1005 Great Bank Road, Wingates Industrial Estate, Westhoughton, Bolton, BL5 3XU	
<b>Description of activity:</b> This method statement covers the complete the installation of new floodlighting system. Including the installation of 4xno. 21m columns.	
<b>Accidents and First Aid:</b> First aid kits are carried on each DMC Electrical vehicle. First aid facilities will also be available on site in the DMC's Site Area. A list of trained first aid personnel and how to contact them will be provided as part of the site induction. DMC will have one first aid trained persons available on site to respond to any medical emergency.  In the event of a major incident the Site Supervisor will telephone 999 for an ambulance.  Nearest A&E Department is The County Hospital, Wye Valley NHS Trust, Stonebow Road, Hereford, Herefordshire, HR1 2BN – 01432 355 444	
<b>Confined Spaces:</b> Not applicable to this project.	

## DMC ELECTRICAL CONTRACTORS LIMITED - METHOD STATEMENT

**COSHH:**

The use of cold Zinc Spray, Red Diesel, Engine Oil, Hydraulic Oil & Brake Fluid will be the only controlled substances on site, please refer to specific COSHH data sheet.

**Delivery Times:**

Initial deliveries will be scheduled for 23<sup>rd</sup> September. These will be a 17m Telehandler Fork lift, Track way and Musco Product Delivery, engineers tools and minor materials to get started.

All other deliveries will be scheduled according to the club to ensure minimal disturbance to day to day operations.

**Disposal of Used Materials and Debris:**

Dedicated waste containers will be provided on site by DMC Electrical.

Specific Skips for Cardboard packaging and General Waste will be provided.

All employees are required to co-operate with any other site-specific waste disposal requirements for the duration of the contract.

**Emergency and Evacuation Procedures:**

Employees will be informed during induction of emergency and evacuation procedures in place on the site.

Employees will be expected to respond appropriately during any planned fire drill or other emergency.

Fire action notices are displayed in prominent positions around the site and employees are expected to familiarise themselves with escape routes and the location of assembly points.

**Employees Competence:**

It is anticipated that the core workforce for this aspect of the project will comprise four operatives. The team will be made up of mostly Qualified electricians, Electrical Improvers and Electrical mates.

All employees have experience of this type of lighting and associated fixture installation work.

Shane Tugwell will act as Supervisor on the project and is experienced in this type of installation activity.

All employees hold appropriate CSCS cards and will have relevant qualifications and experience of this type of work.

**Fixed Scaffold:**

No requirement on this project.

**General Cleanliness and Housekeeping:**

Employees are required to ensure work areas are kept clear of waste materials, debris and trip hazards by the regular removal of waste, safe materials storage and good cable management. All tools, equipment and materials will be stored in DMC Electricals' secure area at the end of each day or removed from site. Any workplace hazards identified will be reported to the Site Supervisor for action.

**Heavy Plant:**

A telehandler will be used for unloading Musco Lighting Equipment. It is envisaged at this stage a 17m machine will be used. The telehandler will only be operated by approved and CPC/NPORS trained personnel.

**Hot Works:**

No requirement on this project.

**Isolation of power supply:**

Before ANY works commence, isolation of 4x power supplies will be required. This will be completed in accordance with the Safe Isolation Procedure. Isolation will be carried out between DMC's Appointed Person – Shane Tugwell

**Ladders/Steps:**

Folding step ladders will have to be used for low-level working at height in areas where it is impractical to use other types of access equipment for running cables in containment and making terminations on equipment in the plant rooms.

Step ladder use will be short term only and comply with standard safe working practices for working at height. The use of step ladders may be controlled by a permit to work issued by the club on an as and when required basis.

**Lighting:**

General lighting levels should be sufficient for these works but if task lighting is required, this will be from battery powered head torches.

## DMC ELECTRICAL CONTRACTORS LIMITED - METHOD STATEMENT

### Location and Access:

Parking will be provided by the club, this is anticipated to be located in to the North of the club in the Merton Meadow Car Park.

### Materials Handling, Storage and Safety Information:

Where practicable, handling equipment will be used in preference to manual handling. A telehandler forklift will be provided for Unloading and distribution of all new equipment from the South Stand to the pitch side area.

All employees are required to follow manual handling best practice and have been instructed in the principles of safe lifting and the use of kinetic handling techniques, including team lifting and these will be applied at all times. Storage containers will be provided in the DMC compound and these are to be secured at all times to prevent unauthorised access. The storage areas must be maintained in good order to enable safe access.

### Permit to Work:

The club will advise on their PTW requirements. It is anticipated PTW will be issued for Electrical Works and Working at Height.

### Personal Protective Equipment (PPE) Required:

For this project employees will be required to wear the following:

- Safety Boots to comply with EN345
- Hi Visibility Vests to comply with EN471
- Head protection to comply with EN397
- Eye protection to EN166 F rated
- Hand protection to EN388 – Traffic gloves TG150 Speed Cut 1 is the preferred type

It is not anticipated that any other PPE will be required for this project.

### Protection of Public and Others:

All appropriate measures will be taken by employees of DMC Electrical Contractors Ltd to prevent injury or harm to other persons working on the premises and visitors to the site. Barriers will be positioned across pedestrian entrances to the pitch area to exclude others from entering the area during these works. Signs warning of overhead working will be displayed. The area under the overhead walkways will be an exclusion zone for other contractors, stadium staff and visitors for the duration of the installation works.

### Risk Assessment:

Risk assessments covering work activities for the project have been completed and will form part of employee's induction. Copies of assessments will be held on site for reference.

### Site Induction:

To be completed by all DMC personnel.

### Signs and Notices:

Appropriate signage related to the works covered by this method statement will be provided by DMC Electrical and displayed in the site compound and in working areas as described above.

### Tools and Equipment:

Hand tools, including spanners, sockets, pliers and screwdrivers will be provided and used by employees. Sockets may be used on battery drills for securing the mounting beams. Battery chargers will be inspected and tested for electrical safety. Employees are responsible for the safe use of tools and equipment and must pay attention to any trip hazards from charging leads. All tools will be carried in a tool bag or belt to the overhead walkways and secured to a lanyard before use to prevent tools from being dropped. Tools will be inspected daily by users to identify faults or damage and if necessary, removed from site until a suitable replacement or repair has been arranged.

### Welfare Provisions:

Drinks facilities will be available from DMC's welfare provision. Toilets are available across the site and employees will be informed of the location of these during site induction and the location of the designated smoking area, if provided. Otherwise smoking will only be permitted off-site.

## DMC ELECTRICAL CONTRACTORS LIMITED - METHOD STATEMENT

### Work Briefs:

The works detailed within this method statement shall be communicated to all employees of DMC Electrical carrying out the removal of the lights, fittings and cabling works by the Site Supervisor. A daily pre-start meeting will be held with all employees to discuss the activities of the day. A copy of this method statement will be kept on site for the duration of the project.

Weekly toolbox talks will be provided to all employees on topics relevant to the work activities at the time. The talks will be recorded, and records held in the DMC storage container.

### Working Environment and Restrictions:

There are no specific work restrictions for this project but employees are required to embrace the principle of Take 5! Before any task is started and during the task.

- **STOP!** Stand back and look at your environment
- **THINK!** How can you carry out the task safely?
- **IDENTIFY!** Any risk to yourself or others in the area
- **CONTROL!** What can you do to reduce the risk to you or others?
- **COMPLETE!** Complete your task safely and move onto the next one.

### Working Hours:

These works will be carried out between the hours of 07:00 and 17:00 Monday to Friday. It is not anticipated that Saturday working will be required, but if necessary, this will be agreed with the club.

### Works Planning:

- Ensure all personnel carrying out the works are fully aware of the constraints imposed by the site environment i.e. safe pedestrian routes and any other activities which could prove a potential risk to anyone's health and safety.
- All procedures indicated on the Method Statement are to be fully explained to the workforce by the Site Supervisor prior to commencement of the works and are followed as appropriate.
- Supervisor shall check all equipment prior to use and that the work areas are safe before work commences.

### Sequence of Works:

1. Complete site induction.
2. Site Supervisor to carry out daily pre-start briefing to discuss the nature and scope of the day's activities.
3. Employees will access the stadium via South Stand on Blackfriars Street
4. Installation of trackway where required.
5. Take delivery of Telehandler.
6. Make out column locations for Civils Engineers.
7. Complete isolation of power supplies to the existing floodlight system. Being locked off by DMC' AP.
8. Receive Musco Lighting product delivery.
9. Unload lighting Product.
10. Once floodlight bases are installed by the civils contractor, lighting product will be distributed to the Lifting positions.
11. Build floodlight columns in accordance with Musco instructions.
12. Lift lighting columns into place (see CRANE RAMS)
13. Once cable trenches have been exposed by civils contractor, cut join and extend existing power cables to new column locations.
14. Complete termination and test cabling.
15. Check storage & working areas are in a tidy state and secure before leaving site.
16. Ensure that all machinery is parked safely, keys removed before leaving site.

### Additional Information:

None required for this project.

**DMC ELECTRICAL CONTRACTORS LIMITED - METHOD STATEMENT**

**ACCEPTANCE:**  
The personnel listed below have read and understood this method statement and associated risk assessments. Any alterations or changes must be approved by the Contract Manager or Originator and the revised statement re-issued to all personnel.

NAME	SIGNATURE	DATE

**Final Clearance (satisfactory completion of work):**

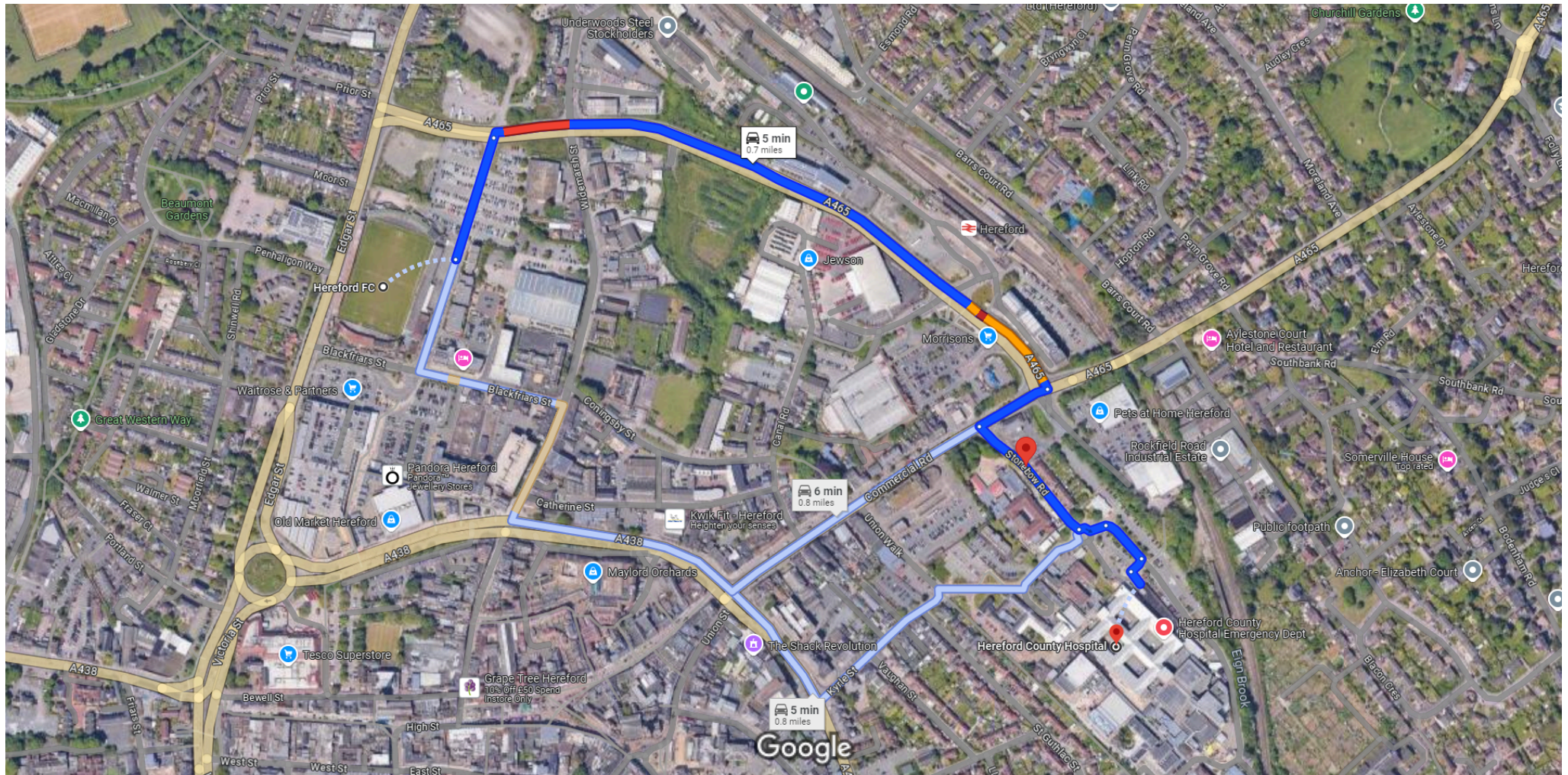
**Name:** \_\_\_\_\_ **Position:** Site Supervisor **Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_



Hereford FC, Edgar St, Hereford HR4 9JU to Hereford County Hospital

Drive 0.7 mile, 5 min



Imagery ©2024 Airbus, Bluesky, Infoterra Ltd &amp; COWI A/S, Maxar Technologies, Map data ©2024 100 m



## DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	Electrical testing and commissioning following electrical works
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Electrocution and electric shock		X	
2. Arcing and arc eye		X	
3. Burns		X	
4. Fire		X	
5. Equipment and property damage			X


<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. All electrical work is to be properly planned so as to avoid live working, wherever possible or practicable.
2. Assessing safe working practices as described in the HSE publication HSG 85 – Electricity at Work, Safe Working Practices, will be carried out before any work commences. This is to enable a safe system of work to be devised to protect operatives.
3. Use test equipment to confirm the identified circuit is isolated from the voltage source.
4. <b>All circuits to be worked on will be treated as live until verified dead. There are no exceptions to this requirement.</b>
5. Use test equipment to test feed to all final circuitry confirm the circuits are isolated.
6. Operatives are trained and qualified electricians experienced in this type of work to be undertaken.
7. The working space by all final circuitry unit must be clear from any obstructions or tripping hazards and have good levels of natural lighting.
8. All hand tools to be used must be properly insulated and inspected on a regular basis. Any damage to the insulation will require the tool to be withdrawn from use and destroyed.
9. Electrical test equipment must have insulated probes and fused leads and be in-date for calibration.
10. Rubber matting complying with BS921 must be provided before any live testing is to be carried out.
11. Operatives are required to wear appropriate protective clothing, insulating gloves complying with BSEN60903 and eye protection complying with BSEN166 B rating.
12. Operatives will not be permitted to work unaccompanied on live systems unless specifically authorised, good communication systems are in place and trained first aiders are available.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Testing and commissioning will be carried out by qualified electrician who understands the dangers associated with live working and the safe working practices that must be followed to prevent injury to themselves and others.
2. Training and instruction has been provided to operatives in the correct selection and use of PPE and the action to be taken in the event of electric shock.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>		<b>EYE PROTECTION</b>	
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>	<b>LOW</b>
--	------------

<b>COMPLETED BY</b>	<b>SIGNATURE</b>	<b>DATE</b>
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	✓	<b>CLIENT</b>	✓	<b>SITE COPY</b>	✓
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

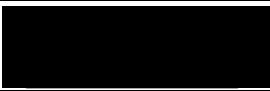


# DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>HAZARD / WORK ACTIVITY ASSESSED:</b>		Pulling new runs of cable during installation work					
<b>SITE ADDRESS – LOCATION:</b>		Hereford FC, Edgar Street, Hereford HR4 9JU					
<b>SIGNIFICANT HAZARDS:</b>		<b>HIGH</b>		<b>MED</b>		<b>LOW</b>	
1. Injury to the back		X					
2. Muscle strain through over exertion		X					
3. Bruising to shins				X			
4. Bone fracture				X			
5. Cuts and grazes to the hands				X			
<b>Does the task involve:</b>	<b>YES</b>	<b>NO</b>	<b>The load - is it:</b>			<b>YES</b>	<b>NO</b>
Holding the load away from the body		√	Heavy (over 25kg)			√	
Reaching upwards		√	Bulky or unwieldy				√
Stooping	√		Difficult to grasp			√	
Large vertical movements		√	Unstable or unpredictable				√
Long carrying distances		√	Intrinsically harmful				√
Strenuous pushing or pulling	√		Necessary to use PPE			√	
Unpredictable movement of loads		√	Obstructing the operator's movement or vision				√
Repetitive handling	√		<b>Working environment – are there:</b>				
Teamwork	√		Constraints on posture/confined spaces			√	
Insufficient rest or recovery periods		√	Poor floor conditions			√	
A work rate imposed by a process		√	Variations in levels				√
<b>Does the job:</b>			Hot, cold or humid conditions				√
Require unusual capability		√	Strong air movements				√
Endanger those with health problems	√		Poor lighting conditions			√	
Require special information or training in specific handling techniques	√		Restrictions on movement or posture from clothing or PPE				√

<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>	
1. Where possible and practical mechanised plant will be used to reduce or eliminate the need for manual handling.	
2. If manual handling is unavoidable, all operatives will be briefed before work starts on the lifting and pulling techniques to be used.	
3. Cable drums are to be positioned so as to provide a straight pull and reduce friction to a minimum.	
4. Cable rollers are to be used to reduce drag on the cable, where possible.	
5. The length of cable and changes in cable direction are to be kept to the minimum practicable for each pulling operation.	
6. When pulling the cable, operatives must be upright, on firm ground with the cable at a height between the knuckles and shoulders.	
7. Where team pulling is required it must be coordinated and controlled to maintain a constant tension on the cable.	
8. Gloves complying with BSEN388 are to be worn at all times by operatives to minimise injury to hands and fingers and to enable a good grip.	
9. Protective footwear complying with BSEN345 to be worn at all times by operatives to minimise injury to feet.	
10. Keep working area free from obstructions, trailing cables and equipment.	

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>			
1. Training and instruction has been provided to operatives in safe manual handling practices, including team handling and the importance of good communication, the correct use of PPE and the safety precautions to be taken when cable pulling.			
<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>OFFICIAL VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>					
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>HIGH-VISIBILITY- VEST</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>EYE PROTECTION</b>	
<b>OVERALLS</b>		<b>GLOVES</b>	YES	<b>OTHER:</b>	
<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>			<b>MEDIUM</b>		
<b>COMPLETED BY</b>		<b>SIGNATURE</b>		<b>DATE</b>	
SHANE TUGWELL				13/09/2024	
<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	√	<b>CLIENT</b>	√	<b>SITE COPY</b>	√
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

# DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	<b>Storage of materials at client's premises or on site</b>
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Falling objects from unsafe stacking		X	
2. Manual handling injuries		X	
3. Movement of delivery vehicles		X	
4. Theft or damage to materials			X
5.			

<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. All materials will be stored in a designated, secure area agreed with the client.
2. Access to the designated storage area will be restricted to authorised personnel only, where practical.
3. Material storage will be checked on a daily basis by Supervisors to monitor safe stacking and housekeeping arrangements.
4. The stacking of materials over 2 metres in height will not be permitted.
5. All operatives instructed in the safe stacking and storage of materials and the importance of reporting any unsafe conditions to their Supervisor.
6. Only the minimum quantities of materials will be supplied to the site.
7. Any specific manufacturer's requirements regarding temperature, humidity or stacking arrangements will be complied with and monitored by Supervisors.
8. Any hazardous materials will have a completed COSHH assessment provided to all operatives.
9. Materials will be delivered as close as possible to the storage area to minimise the need for manual handling.
10. Where possible and practicable, mechanical handling equipment will be used to move materials to and from the storage area.
11. Any palletized loads will not be stored more than two pallets high and cable drums will be chocked to prevent movement.
12. Delivery vehicle movements will be controlled by operatives and where possible will avoid the need for reversing. If vehicles have to reverse a banksman wearing a high visibility jacket will be provided.
13.
14.
15.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information and instruction has been provided to operatives in safe storage and stacking and the importance of good housekeeping in storage areas.
2. Training and instruction has been provided to operatives in safe manual handling practices, the correct use of PPE and the safety precautions to be taken when moving materials from storage areas.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>	YES	<b>EYE PROTECTION</b>	
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>	<b>LOW</b>
--	------------

<b>COMPLETED BY</b>	<b>SIGNATURE</b>	<b>DATE</b>
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	✓	<b>CLIENT</b>	✓	<b>SITE COPY</b>	✓
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

## DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	<b>Provision and use of skips and waste containers for waste disposal</b>
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Trapping between skip and fixtures during delivery and collection		X	
2. Unintentional release of skip during raising and lowering		X	
3. Being struck by skip or container delivery vehicle whilst maneuvering		X	
4. Objects entering eyes during disposal into skip and waste containers		X	
5. Unsafe stacking of waste materials in skip		X	


<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. The general waste skip and the roll-on roll-off waste containers for cardboard will be delivered and sited in the designated site compound.
2. A banksman experienced in signaling and wearing high visibility clothing will be used to direct any reversing vehicles, where necessary, to reduce the risk of impact or trapping.
3. The site compound where the containers are to be located will be cleared of all personnel prior to the containers arriving.
4. The skip and waste containers will be placed on level ground, where possible and in a position to facilitate easy access by operatives.
5. A safe means of access will be provided where tipping into the skip or waste containers.
6. The skip will not be loaded above the limit as specified by the supplier, depending on the type of waste materials.
7. Waste must not hang over the sides of the skip to endanger any person walking past or foul the vehicle during collection.
8. Under no circumstances will fires be permitted in the skip or waste containers.
9. Waste transfer notes must be properly completed for each skip and waste container provided and copies retained in the site welfare unit.
10. Only specified waste will be deposited into the skip as required under the Environmental Protection Act and Hazardous Waste Regulations.
11. Operatives must ensure that only cardboard packaging is placed in the waste containers to facilitate recycling.
12. The PPE specified below will be worn by all operatives disposing waste into a skip to minimise personal injury.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Supervisors will be trained in general safety supervision and environmental legislative requirements, including duty of care.
2. Information and instruction will be provided to all operatives in the correct use of skips and the importance of waste separation during induction and during toolbox talks.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>	YES	<b>EYE PROTECTION</b>	YES
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>	<b>LOW</b>
--	------------

<b>COMPLETED BY</b>	<b>SIGNATURE</b>	<b>DATE</b>
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	X	<b>CLIENT</b>	X	<b>SITE COPY</b>	X
<b>OTHER CONTRACTORS</b>	X	<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

## DMC ELECTRICAL CONTRACTORS LTD - RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	<b>Re-fueling plant on site &amp; control of spillages</b>
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU


<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Fire and explosion		X	
2. Fuel spillage causing environmental issues		X	
3. Cleaning up fuel spillage		X	
4. Storage and transportation of fuel			X

<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. Only authorised operatives are permitted to carry out re-fueling activities on site.
2. Vehicles and plant on site will be diesel powered, so risk of ignition of fuel is less than that associated with petrol powered vehicles.
3. Fuel containers will be stored and secured in a designated flame-proof facility to minimise the risk of fire or explosion.
4. Smoking is not permitted on site or during vehicle re-fueling activities.
5. Only the minimal quantities of fuel required for immediate use will be stored on site, ideally no more than 25litres in one sealed container, suitably marked for easy identification.
6. Re-fueling will only take place in a designated area to be agreed with the main contractor with suitable fire-fighting equipment provided at the location and a chemical spill kit available.
7. If required, a suitable funnel will be provided and used to minimise the risk of fuel spillage when re-fueling.
8. Operatives are required to check the fuel tank capacity of the vehicle before re-fueling to ensure over-filling does not occur.
9. Operatives are required to take particular care when pouring diesel into the fuel tank to avoid splashes onto their skin or eyes.
10. Operatives are required to use the PPE listed below when carrying out re-fueling activities. Half-face masks will be to EN149 R95 rating. Eye protection to EN166 F rated low impact. Chemical resistant gloves to EN374 rating to be worn.
11. A 10litre compact chemical spill kit will be provided and available at the re-fueling location to minimise any ground contamination and to aid clearing up following any fuel spillage. Operatives are to follow the instructions on the spill kit for the safe clearance of any fluids from the MEWP. The contaminated material must be safely disposed of into the relevant waste container on site.
12. Any incident during re-fueling activities must be promptly reported to the DMC Electrical Site Supervisor and main contractor for recording and appropriate action.
13. Only Michael Hughes or Shane Tugwell (DMC Supervisors) will be permitted to transport diesel fuel to site in a 25litre metal container placed in the rear compartment or boot of the vehicle.
14. A suitable assessment for diesel and other fluids has been completed as required under the Control of Substances Hazardous to Health Regulations 2002 (COSHH) and will form part of operative's induction.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information and instruction have been provided to operatives on the transportation of any hazardous or flammable substances and the action to take in the event of any emergency, including spillages.
2. Training and instruction have been provided to operatives in the precautions to be taken when re-fueling vehicles on site and the use of a chemical spill kit.

WHO MAY BE HARMED?			
OPERATIVES	OTHER CONTRACTORS	VISITORS	GENERAL PUBLIC
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
SAFETY HELMET	YES	SAFETY BOOTS	YES	OVERALLS		HIGH-VIS JACKET	YES
DUST MASK	YES	EAR DEFENDERS		GLOVES	YES	EYE PROTECTION	YES
HARNESS		BA SET		OTHER (list):			
<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>				<b>LOW</b>			

COMPLETED BY	SIGNATURE	DATE
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
ALL OPERATIVES	X	CLIENT	X	SITE COPY	X
OTHER CONTRACTORS		OCCUPIER OF PREMISES		OTHER:	

## DMC ELECTRICAL CONTRACTORS LTD – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	<b>Slips and trips during work activities</b>
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Ground surfaces contaminated with water, oils or other liquids		X	
2. Uneven surfaces and changes in levels		X	
3. Trailing cables, leads and wires		X	
4. Obstructions from vehicles, plant, materials and equipment		X	
5. Poor lighting levels			X
6. Inappropriate footwear			X
7. Human behaviour including lack of attention, distractions etc.			X


<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. Operatives to check working area upon arrival at site to identify any specific hazards.
2. Where possible and practicable, cordless equipment will be used in preference to 110 or 240-volt equipment with leads.
3. Any cables, wires or leads used by operatives must be positioned so as not to cause a trip hazard.
4. The condition of pedestrian walkways and general ground conditions to be checked prior to work commencing. Any identified defects to be reported to main contractor and marked or signed, if appropriate to highlight problem areas.
5. A 10litre compact chemical spill kit will be carried on the MEWP so that any spillage of fuel, oil or brake fluid can be easily contained and cleared up.
6. Where an operative identifies the spillage of any hazardous substance, this must be reported to the main contractor and appropriate measures used to contain and remove, if practicable.
7. Only the minimum quantities of materials that are required for immediate use will be supplied to the site.
8. The location where materials are to be stored, even on a short-term basis, must not obstruct pedestrian walkways or interfere with vehicle routes and must be kept in good order.
9. The storage of materials and equipment is not permitted on fire or emergency evacuation routes.
10. All operatives are required to wear suitable protective footwear that has good slip resistance and grip and other PPE as stated below.
11. Operatives are expected to demonstrate good standards of behaviour whilst engaged in work activities, concentrate of the work activity and not run or engage in horseplay.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information and instruction has been provided to operatives in the identification of slip and trip hazards and the importance of good housekeeping whilst working at construction sites.
2. Site Supervisors will carry out monitoring of work activities and spot checks to ensure good standards are being maintained at the work area and around the site.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>	YES	<b>EYE PROTECTION</b>	YES
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>	<b>LOW</b>
--	------------

<b>COMPLETED BY</b>	<b>SIGNATURE</b>	<b>DATE</b>
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	Y	<b>CLIENT</b>	Y	<b>SITE COPY</b>	Y
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	



# DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	Use of Hand Tools
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Injury to the hands and other parts of the body			X
2. Eye injury		X	
3.			
4.			
5.			

<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. All hand tools will be inspected on a daily basis prior to use to ensure they are in good, serviceable condition.
2. Any hand tools that have identified defects will be taken out of use and the defect reported to a Supervisor for action.
3. Makeshift or temporary repairs to hand tools will not be permitted.
4. The right tool must always be selected and used for the appropriate task. Damage to tools and injury to operatives usually occur when a tool is used incorrectly or inappropriately i.e. a screwdriver used as a chisel or lever.
5. Eye protection to BSEN166 F rated must be worn by operatives when there is a risk of flying particles or pieces of the tool breaking off.
6. Gloves that comply with BSEN388 must be worn by operatives when using tools with blades or sharp edges.
7. Knives with retractable blades should be used in preference to those with fixed blades.
8. Any tool with a sharp blade or edge should be carried and used so as not to cause injury to the user or others.
9. Insulated tools must be used where any electrical work is to be carried out.
10. Supervisors will carry out regular planned checks and unannounced spot checks on the condition of tools.
11. Particular attention must be made to chisels for mushroom heads, hammer and file handles for deterioration and exposed tangs and open-ended spanners for splayed jaws.
12. Tools should be carried in a tool belt or tool box and secured to prevent theft or misuse when not in use and at the end of each working day.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information and instruction has been provided to operatives in the correct method of use and maintenance requirements for all tools.
2. Training and instruction has been provided to operatives in safe manual handling practices, the correct use of PPE and the safety precautions to be taken when carrying and handling tools.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>		<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>	YES	<b>EYE PROTECTION</b>	YES
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE</b>	<b>LOW</b>
---	------------

<b>COMPLETED BY</b>	<b>DATE</b>
SHANE TUGWELL	13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	√	<b>CLIENT</b>	√	<b>SITE COPY</b>	√
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

# DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	Use of portable electrical equipment
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Electrocution		X	
2. Fire		X	
3. Vibration			X

<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. All portable electrical equipment will be identified individually and is subject to planned maintenance.
2. Equipment supplied to site will be fit for its purpose with regard to voltage, power and environmental conditions.
3. Where tool vibration is a significant factor that is likely to lead operatives being exposed to hand arm vibration in excess of the statutory exposure action value (2.5 metres/sec <sup>2</sup> 8 hour TWA) control measures will be introduced having first assessed the type and duration of the work and the equipment being used with a view to reducing exposure levels to below the exposure action value and below the exposure action limit (5.0 metres/sec <sup>2</sup> 8 hour TWA) in any case.
4. Visual inspection of equipment will be carried out before use each day.
5. All equipment found to be defective will be switched off, reported immediately and taken out of use until proper repair has been carried out.
6. Leads and extension cables are to be routed so as to minimise the likelihood of damage and trip hazards.
7. Only equipment operating at 110 volts or less will be permitted on site; higher voltages must be authorised in writing by management prior to use.
8. Management are responsible for ensuring that attention is paid to site electrical requirements, including arrangements for design, testing and installation of circuits and their protection by fuses, residual current devices or similar.
9. The use of electrical equipment will be monitored to ensure safe use.
10. Management will ensure that only trained and competent persons test, repair and maintain portable electrical equipment.
11. All equipment will be removed from site at the end of each day.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information and instruction has been provided to operatives in the correct use of electrical equipment and the checks to be carried out each day prior to use.
2. Training and instruction has been provided to operatives in safe manual handling practices, the use of PPE and the safety precautions to be taken when using portable equipment.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>		<b>EYE PROTECTION</b>	YES
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>	<b>MEDIUM</b>
--	---------------

<b>COMPLETED BY</b>	<b>SIGNATURE</b>	<b>DATE</b>
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	✓	<b>CLIENT</b>	✓	<b>SITE COPY</b>	✓
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

# DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

<b>WORK ACTIVITY ASSESSED:</b>	Use of step ladders for installation works
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Fall of persons from height		X	
2. Falling equipment or materials			X
3. Slipping ladder			X
4. Failure of step ladder			X
5. Exposure to contents of luminaires if broken			X

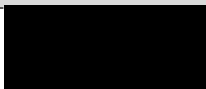
<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. All work at height will be planned and agreed with client.
2. The most suitable access equipment will be selected for the activity and the work environment. Operatives will only use either Class 1 Industrial or Class 2 (EN131) Trade equipment.
3. All step ladders are subject to a formal inspection programme and visual inspection by operatives.
4. Use of step ladders is restricted to short-duration activities only.
5. Where defects are identified the piece of access equipment will be withdrawn from use until proper repair or replacement has been carried out.
6. The base of the access equipment will be positioned on firm, level ground.
7. Operatives must ensure they retain three points of contact at all times when ascending, using and descending from the step ladder.
8. Any tools or materials must be carried in a tool belt or back pack to enable three points of contact to be maintained.
9. Eye protection to BSEN166 F rated and gloves to BSEN388 must be worn for handling and replacing luminaires.
10. Step ladders must be placed at right angles to the work and the user should not work from above the third step from the top.
11. Operatives must avoid over-reaching or taking their body weight outside the footprint of the step ladder.
12. Step ladders must be used fully open, with stays locked in position.
13. Supervisors will conduct regular monitoring of safe working practices when access equipment is being used.
14. Operatives understand the importance of keeping fluorescent tubes whole to prevent escape of contents and broken glass.

<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information and instruction has been provided to operatives in the correct siting and use of access equipment.
2. Training and instruction has been provided to operatives in how to carry out inspections of step ladders and the safety precautions to be taken when working from them.

<b>WHO MAY BE HARMED?</b>			
<b>OPERATIVES</b>	<b>OTHER CONTRACTORS</b>	<b>VISITORS</b>	<b>GENERAL PUBLIC</b>
YES	NO	NO	NO

<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>		<b>EYE PROTECTION</b>	
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE:</b>	<b>LOW</b>
--	------------

<b>COMPLETED BY</b>	<b>SIGNATURE</b>	<b>DATE</b>
SHANE TUGWELL		13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL OPERATIVES</b>	✓	<b>CLIENT</b>	✓	<b>SITE COPY</b>	✓
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

## DMC ELECTRICAL CONTRACTORS LIMITED – RISK ASSESSMENT

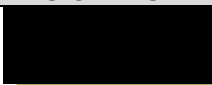
<b>WORK ACTIVITY ASSESSED:</b>	<b>Use of telehandler for unloading and moving materials</b>
<b>SITE ADDRESS – LOCATION:</b>	Hereford FC, Edgar Street, Hereford HR4 9JU

<b>SIGNIFICANT HAZARDS:</b>	<b>HIGH</b>	<b>MED</b>	<b>LOW</b>
1. Movement of vehicle		X	
2. Lifting activities		X	
3. Contact with pedestrians		X	
4. Visibility of operator		X	
5. Ground conditions			X
6. Overloading			X

<b>CONTROL MEASURES TO BE TAKEN TO REDUCE RISK:</b>
1. Only trained and authorised personnel will be permitted to operate and drive the telehandler.
2. Before using the machine, operators will refer to the Operators Manual for model-specific operating instructions, including the load capacity of the machine.
3. Operators will carry out daily pre-use checks on the tyres, brakes, steering, all controls, fluid and oil levels, condition of forks, hoses and lifting gear. Any identified defects will be reported immediately to the DMC Site Supervisor for action.
4. A pre-start briefing will be held to discuss the lifting operations and any site-specific hazards for that day.
5. The machine is fitted with front and rear windscreen wipers to ensure good visibility in adverse weather conditions. If the operator's vision becomes obscured or obstructed, the machine will be stopped, and appropriate measures taken to obtain good visibility of the surrounding area before movement or lifting continues.
6. The area where the unloading is to take place will be checked for the presence of other contractors, pedestrians, plant and vehicles before any lifting takes place. A trained Banksman will be used for all machine reversing activities and to ensure no one will walk under the boom or the supported load. The machine is equipped with an audible reversing alarm and rotating beacon to warn any persons in the area around the vehicle.
7. The materials to be unloaded will be four palletized stacks. The stacks will be moved from the delivery vehicle to an approved storage area.
8. Before any load is raised, a check must be made for any overhead obstructions or hazards.
9. The speed of the machine will be limited to 5mph. This will ensure the stability of the machine anywhere on the site and reduce the risk of overturning. The machine is also equipped with 4-wheel drive to ensure good wheel adhesion over a wide range of different surface conditions.
10. The machine will be stored in a secure designated location to be agreed with the Principal Contractor at the end of each day and immobilized to prevent unauthorised start-up and use.
11. Re-fueling of the machine will only be permitted in a designated area to be agreed with the Principal Contractor. This will ensure that any diesel spillage can be properly contained and not contaminate the surrounding ground.
















<b>INFORMATION, INSTRUCTION, TRAINING &amp; SUPERVISION:</b>
1. Information on the type of machine to be used on site has been provided to both operators. Instruction and training in safe use has been provided by an approved and competent training provider to both operators, who hold the relevant IPAF certification.
2. Both operators have attended the Mace THFC site induction and are aware of the layout of the site and the activities of other contractors. Daily pre-start briefings will be provided to all employees which will cover any specific hazards for that day.

<b>WHO MAY BE HARMED?</b>							
<b>EMPLOYEES</b>		<b>OTHER CONTRACTORS</b>		<b>VISITORS</b>		<b>GENERAL PUBLIC</b>	
YES		YES		NO		NO	
<b>PERSONAL PROTECTIVE EQUIPMENT REQUIRED:</b>							
<b>SAFETY HELMET</b>	YES	<b>SAFETY BOOTS</b>	YES	<b>OVERALLS</b>		<b>HIGH-VIS JACKET</b>	YES
<b>DUST MASK</b>		<b>EAR DEFENDERS</b>		<b>GLOVES</b>	YES	<b>EYE PROTECTION</b>	YES
<b>HARNESS</b>		<b>BA SET</b>		<b>OTHER (list):</b>			

<b>RESIDUAL RISK WITH CONTROLS IN PLACE</b>	<b>MEDIUM</b>
<b>COMPLETED BY</b> SHANE TUGWELL	<b>SIGNATURE</b> 
	<b>DATE</b> 13/09/2024

<b>CIRCULATION LIST:</b>					
<b>ALL EMPLOYEES</b>	YES	<b>CLIENT</b>	YES	<b>SITE COPY</b>	YES
<b>OTHER CONTRACTORS</b>		<b>OCCUPIER OF PREMISES</b>		<b>OTHER:</b>	

## DMC ELECTRICAL CONTRACTORS LTD - COSHH RISK ASSESSMENT

<b>Substance:</b> <b>COSHH Ref No:</b>	<b>Engine Oil 10W – 40</b> <b>5</b>																		
<b>Hazardous Components:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%; text-align: center;">Risk Phrases</th> <th colspan="2" style="text-align: center;">Workplace Exposure Limits (WEL)</th> </tr> <tr> <td style="text-align: center;">Zinc alkyldthiophosphate</td> <td style="text-align: center;">Long Term Limit</td> <td style="text-align: center;">Short Term Limit</td> </tr> <tr> <td style="text-align: center;">R38, R41, R51/53</td> <td style="text-align: center;">Oil mist: 5mg/m3</td> <td style="text-align: center;">Oil mist: 10mg/m3</td> </tr> </table>										Risk Phrases	Workplace Exposure Limits (WEL)		Zinc alkyldthiophosphate	Long Term Limit	Short Term Limit	R38, R41, R51/53	Oil mist: 5mg/m3	Oil mist: 10mg/m3
Risk Phrases	Workplace Exposure Limits (WEL)																		
Zinc alkyldthiophosphate	Long Term Limit	Short Term Limit																	
R38, R41, R51/53	Oil mist: 5mg/m3	Oil mist: 10mg/m3																	
<b>Hazard Identified</b>																			
<b>Tick if appropriate</b>			<b>Y</b>							<b>Y</b>									
<b>Volume used</b>	Up to 5 litres per event.																		
<b>Duration</b>	Top-up of oil can take up to 2 minutes per event.																		
<b>Describe Activities</b>	Oil used for general maintenance operations on equipment and machinery operated, owned or hired by the company.																		
<b>Route of Entry into Body</b>	<b>INHALATION</b>		<b>INGESTION</b>		<b>ABSORPTION</b>		<b>OPEN WOUND</b>		<b>EYES</b>										
<b>Tick if relevant</b>					<b>Y</b>														
<b>High Risk Activities</b>	Handling and use of substance without appropriate personal protection.																		
<b>Level of risk</b>	<b>HIGH</b>			<b>MEDIUM</b>				<b>LOW</b>											
<b>Those at Risk</b>	<b>EMPLOYEES</b>		<b>VISITORS</b>		<b>CONTRACTORS</b>		<b>PUBLIC</b>		<b>OTHERS</b>										
<b>Control Measures Required to Reduce Risk</b>	Employees to wear overalls and nitrile or neoprene gloves to EN374 rating during handling and use. Good levels of personal hygiene following use.																		
<b>PPE Required</b>																			
<b>Tick if required</b>	<b>Y</b>						<b>Y</b>												
<b>Health Surveillance Results</b>	Prolonged contact with soiled clothing may produce skin blisters.																		
<b>First Aid Measures</b>	Overalls to be discarded and washed if contaminated. In event of skin contact, wash thoroughly with plenty of soap and water. If swallowed, do not induce vomiting and give nothing to drink. Seek medical advice. For eye contact keep eyes open and wash with clean water repeatedly for at least 15 minutes.																		
<b>Environmental Monitoring Results</b>	Toxic to aquatic organisms. Do not allow to enter drains or waste water systems.																		
<b>Level of Risk if Control Measures above are followed</b>	<b>LOW</b>																		
<b>Combination exposure to more than one substance?</b>	Avoid contact with strong oxidisers.																		
<b>Disposal arrangements</b>	Dispose of empty containers in general waste facilities.																		
<b>Storage and any other information</b>	Store in original containers.																		
<b>Planned Review of Assessment</b>	<b>January 2025</b>																		
















**Name of Person Undertaking COSHH Assessment:** Nick Stubbs (Tech IOSH)

**Date of COSHH Assessment:** 29/03/24

**Risk phrases:** R38 Irritating to skin, R41 Risk of serious damage to eyes, R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.



## DMC ELECTRICAL CONTRACTORS LTD - COSHH RISK ASSESSMENT





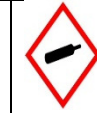










<b>Substance:</b> <b>COSHH Ref No:</b>	Hydraulic Oil 6										
<b>Hazardous Components:</b>  Zinc Alkyldithiophosphate 1-10% Calcium Sulphonate <1%	<b>Risk Phrases</b>			<b>Workplace Exposure Limits (WEL)</b>							
				<b>Long Term Limit</b>				<b>Short Term Limit</b>			
	R38  R43			5mg/m3 for oil mist (8hr TWA)				Not listed			
<b>Hazard Identified</b>											
<b>Tick if appropriate</b>			<b>Y</b>								
<b>Volume used</b>	Between 20ml and 200ml per event.										
<b>Duration</b>	Topping up may take up to 2 minutes per event.										
<b>Describe Activities</b>	Hydraulic oil used to top up hydraulic systems on plant and equipment used by the company. No significant hazards.										
<b>Route of Entry into Body</b>	<b>INHALATION</b>		<b>INGESTION</b>		<b>ABSORPTION</b>		<b>OPEN WOUND</b>		<b>EYES</b>		
<b>Tick if relevant</b>					<b>Y</b>						
<b>High Risk Activities</b>	Prolonged contact with skin. Splashes in the eyes. Skin contact may cause irritation. Eye contact may cause irritation and redness.										
<b>Level of risk</b>	<b>HIGH</b>			<b>MEDIUM</b>				<b>LOW</b>			
<b>Those at Risk</b>	<b>EMPLOYEES</b>		<b>VISITORS</b>		<b>CONTRACTORS</b>		<b>PUBLIC</b>		<b>OTHERS</b>		
<b>Control Measures Required to Reduce Risk</b>	Wear safety glasses to EN166 F rating if risk of splashing. Wear chemical resistant gloves to EN374 rating during handling and use.										
<b>PPE Required</b>	 Wear gloves	 Masks must be worn in this area	 Foot protection must be worn	 Respirators must be worn in this area	 Protective clothing must be worn in this area	 Eye protection must be worn					
<b>Tick if required</b>	<b>Y</b>								<b>Y</b>		
<b>Health Surveillance Results</b>	N/A										
<b>First Aid Measures</b>	Remove contaminated clothing and wash affected skin area with soap and plenty of clean water. Irrigate eyes with copious amounts of clean water and seek medical attention if irritation persists.										
<b>Environmental Monitoring Results</b>	None available.										
<b>Level of Risk if Control Measures above are followed</b>	<b>LOW</b>										
<b>Combination exposure to more than one substance?</b>	Avoid heat and sources of ignition and oxidising agents.										
<b>Disposal arrangements</b>	Dispose of as normal industrial waste.										
<b>Storage and any other information</b>	Keep container tightly closed and store in cool, well-ventilated area.										
<b>Planned Review of Assessment</b>	January 2025										

**Name of Person Undertaking COSHH Assessment:** Nick Stubbs (Tech IOSH)

**Date of COSHH Assessment:** 29/03/24

**Risk phrases:** R38 Irritating to skin; R43 May cause sensitisation by skin contact

## DMC ELECTRICAL CONTRACTORS LTD - COSHH RISK ASSESSMENT

<b>Substance:</b> <b>COSHH Ref No:</b>	<b>Brake Fluid</b> <b>7</b>								
<b>Hazardous Components:</b>  Butoxyethoxy 10-30% Oxybisethonal 10-30%	<b>Risk Phrases</b>		<b>Workplace Exposure Limits (WEL)</b>						
			<b>Long Term Limit</b>		<b>Short Term Limit</b>				
	R36, R43		N/A 101mg/m3 (8hr TWA)		Not listed N/A				
<b>Hazard Identified</b>									
<b>Tick if appropriate</b>			<b>Y</b>						
<b>Volume used</b>	Between 20ml and 200ml per event.								
<b>Duration</b>	Topping up may take up to 2 minutes per event.								
<b>Describe Activities</b>	Fluid used to top up brake systems on plant and equipment used by the company.								
<b>Route of Entry into Body</b>	<b>INHALATION</b>	<b>INGESTION</b>	<b>ABSORPTION</b>	<b>OPEN WOUND</b>	<b>EYES</b>				
<b>Tick if relevant</b>			<b>Y</b>						
<b>High Risk Activities</b>	Prolonged contact with skin. Splashes in the eyes. Skin contact may cause irritation. Eye contact may cause irritation and redness.								
<b>Level of risk</b>	<b>HIGH</b>		<b>MEDIUM</b>			<b>LOW</b>			
<b>Those at Risk</b>	<b>EMPLOYEES</b>	<b>VISITORS</b>	<b>CONTRACTORS</b>	<b>PUBLIC</b>	<b>OTHERS</b>				
<b>Control Measures Required to Reduce Risk</b>	Wear safety glasses to EN166 F rating if risk of splashing. Wear chemical resistant gloves to EN374 rating during handling and use.								
<b>PPE Required</b>									
<b>Tick if required</b>	<b>Y</b>					<b>Y</b>			
<b>Health Surveillance Results</b>	N/A								
<b>First Aid Measures</b>	Remove contaminated clothing and wash affected skin area with soap and plenty of clean water. Irrigate eyes with copious amounts of clean water and seek medical attention if irritation persists.								
<b>Environmental Monitoring Results</b>	Do not discharge into drains or rivers.								
<b>Level of Risk if Control Measures above are followed</b>	<b>LOW</b>								
<b>Combination exposure to more than one substance?</b>	Avoid heat and sources of ignition and oxidising agents. Stable under normal conditions.								
<b>Disposal arrangements</b>	Dispose of as normal industrial waste.								
<b>Storage and any other information</b>	Keep container tightly closed and store in cool, well-ventilated area.								
<b>Planned Review of Assessment</b>	<b>January 2025</b>								

**Name of Person Undertaking COSHH Assessment:** Nick Stubbs (Tech IOSH)

**Date of COSHH Assessment:** 29/03/24

**Risk phrases:** R36 Irritating to eyes; R43 May cause sensitisation by skin contact