

**PRE-TENDER HEALTH AND SAFETY
HAZARD IDENTIFICATION AND RISK ASSESSMENT
(DESIGNER)**

FOR

**MECHANICAL AND ELECTRICAL
SERVICES WORKS**

**NEW SPORTS PAVILION
SAWTRY**

Ref : AX1937

Client : HSSP Architects

Prepared by : I Williamson / N Ross

Date : July 2022

Approved By : IRW

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HAZARD IDENTIFICATION AND RISK ASSESSMENT (DESIGNER) - PRE TENDER

Project : **New Sports Pavilion, Sawtry, Huntingdon**
Reference : **AX1937**
Carried Out By : **I Williamson / N Ross**

Date : **July 2022**

Stage : **Tender Issue**
Issue : **A**

Notes

1. The following hazard identification and risk assessment is the Designers Assessment based on information known at Pre-tender stage.
2. It is assumed that all work will be carried out by Tradesmen and Operatives fully conversant with their own employers Health & Safety Document, and are conversant with the type of work specified and indicated on the tender drawings.
3. This assessment is NOT a site phase contractors H&S plan. This shall be produced by the Contractor. Any issues relating to the site activities are issued to assist the Contractor and are for information purposes only and may not be comprehensive.

Legend

NFA No further action
MS Method Statement
PC Principal / Main Contractor

Risk Rating

Risk		Likelihood		Duration (Site activities only)	
Very High	4	High	4	Greater than 1 month	4
High	3	Probable	3	Less than 1 month	3
Medium	2	Possible	2	Less than 1 week	2
Low	1	Unlikely	1	Less than 1 day	1

M&E SERVICES DESIGN RISK ASSESSMENT

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Ref.	Hazard		Risk	Likelihood	Duration	Further Action
	Feature	Details				
01	Site Access	Injury to public.	2	2	4	Contractor to provide all necessary warning signage, barriers etc.
02	Site Security	Injury to public.	3	3	4	Areas of the site are not to be accessible to the public. Contractor to provide all necessary signage, barriers, hoardings etc., to ensure full security of the site, operatives, plant and materials etc.
03	Access to Service Plantrooms	M&E services located within plantrooms	3	2	3	Contractor to include suitable access & control of operatives, sufficient to ensure safe access & working area.
04	Manual Handling / Hoisting	Offloading and positioning general M&E services items.	2	3	3	Contractor to employ specialist to safely undertake all lifting of equipment. All manual handling should be carried out in accordance with the Manual Handling Regulations and where individual items weight more than 20kg mechanical means of lifting should be considered.
05	Electrical Work	Risk of Shock.	4	2	4	Work will need to take place on the existing panels. All distribution boards should be isolated prior to works being carried out, shut downs should be liaised with the Client.
06	Working at Heights	High level working both within building (roof void), and externally	3	3	4	Contractor to provide all necessary access / scaffolding / working platform equipment.

M&E SERVICES DESIGN RISK ASSESSMENT

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07	Disruption	Impact on nearby sports facilities for the duration of the project	1	2	4	Contractor to liaise with client to ensure minimal disturbance to occupants.
08	Maintenance Access	All installations.	1	3	4	Ensure all plant and equipment is installed to facilitate reasonable access for maintenance, removal and replacement.
09	Sterilization of Water Services	Risk to operatives from chlorine chemicals.	2	2	2	Normal trade precautions and workware.
10	Thermal insulation.	Fibre migration hazard.	4	2	4	Normal trade precautions and workware.
11	Fire Escape	Operative safety	4	2	4	Maintain adequate fire escape access.
12	High level services installation	Falling of objects / accessibility	2	2	4	Ensure M&E services are installed to manufacturers recommendations & M&E spec. Adequate support bracketry used etc. Use specialist working platforms where required.
13	Low level services installation	Trip hazards, operatives safe working	2	2	4	Identify/provide barriers during construction.
14	Removal of existing installations	Ensure all existing services have been identified and isolated, where necessary, before removal commences.	2	4	3	N.F.A.
15	Isolate, remove, retain, commissioning	The existing installation may not be clearly identified, thus care must be taken when isolating and disconnecting and retaining the existing installation	3	2	4	Correct Testing, and Isolation procedures must be adhered too.
16	Asbestos	Asbestos risk within existing parts of the building	3	2	1	Any suspect material should be identified immediately. Refer to Clients asbestos register. Any work involving asbestos to be carried out in accordance with the Control of Asbestos Regulations.