

M&E – Principal Designer's Risk Assessment

Project: CARN GWAVEL, MECHANICAL & ELECTRICAL SERVICES				Prepared by:		Date:	
Client: Stride Treglown				SJ Hird		Nov 2017	
Hazard	Who is at risk	Actions already taken	Additional control actions	Action by	Action when?	Done	
Electrical installation works including injury from electric shock	Installer	Specified: - Only competent site operatives to carry out the work Operatives to work in accordance with BS7671, The electricity at work act and all relevant statutory regulations	Installer’s method statements to be requested.	Principal Contractor	Prior to M&E contractor commencing works		
Heating & domestic water pipework installation including fumes and burns (hot work), back strain, eye injuries, power tools, joint sealants (skin, eyes), falls etc.	Installer	Specified: - Only competent site operatives to carry out the work	Installer’s method statements to be requested, statements to include weight guidance and details of support systems. Ensure suitable access equipment & means of protection from falls are provided. Where hot works are found to be necessary then Hot Work permit scheme to be implemented.	Principal Contractor	Prior to M&E contractor commencing works		
Fire hazard associated with installation of heating and domestic water pipework	Installer	Specified: - Mappress carbon steel and copper systems specified to avoid hot work requirements	Installer’s method statements to be requested.	Principal Contractor	Prior to M&E contractor commencing works		
Fire and explosion risk associated with installation of gas pipework	Installer & others on site	Specified: - Only competent site operatives required to carry out the work	Installer’s method statements to be requested.	Principal Contractor	Prior to M&E contractor commencing works		

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Pressure testing of mechanical systems under pressure and at high temperature including potential for injury from faults on pressurised systems, and scalding/burns from high surface temperature equipment and high temperature water.	Installer	Specified: - Only competent site operatives required to carry out the work	Installer's method statements to be requested.	Principal Contractor	Prior to M&E contractor commencing works	
Working at height including potential for injury from falling objects, and/or from falling	Installer & others on site	Specified: - Only competent site operatives required to carry out the work	Installer's method statements to be requested. Provide suitable access equipment & means of protection from falls	Principal Contractor	Prior to M&E contractor commencing works	
Working in confined spaces including potential for reduce air quality/lack of oxygen/explosion of accumulated gases	Installer	Specified: - Only competent site operatives required to carry out the work	Installer's method statements to be requested. Ensure Contractor has sufficient means of escape and forced/cross ventilation	Principal Contractor	Prior to M&E contractor commencing works	

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Movement of vehicles and deliveries on site including injury to others from site traffic	Installer & others on site	Specified: - Only competent site operatives required to carry out the work	Installer's method statements to be requested. Principle Contractor to produce site traffic plan and provide site induction to all persons with access to site Bank man/foreman shall oversee all manouvring of heavy plant and deliveries to site	Principal Contractor	Prior to M&E contractor commencing works	