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Designer's Assessment of Safety and Health Hazards/Risks (M&E)			
Project: Heating Upgrade & Gas Conversion Emergency Works Scariff Community College, Scariff, Co Clare			**Job Nr.:** 2625
Designer: J Fahey	Checker: J. Fahey	Date: 07/09/2026	Sheet No: 1
Stage: Detailed Design / Tender Stage			

No.	Key Construction Hazard (or risks) Identified	Evaluations, Design decisions made (or alternative Actions)
1.	Asbestos	Due to the age of the main school building there is a risk that there is asbestos present. The available Asbestos Survey and Report does not list asbestos being present, however vigilance is recommended. It is not envisaged that the proposed Heating Upgrade works will disturb asbestos materials and it is therefore proposed that works can proceed with all due care and precautions being taken by the appointed contractor. Alert tendering contractors to the risk of asbestos and the need for vigilance should any suspect materials be encountered. Copy of the available Asbestos Survey Report provided for contractor information
2.	Work in and around a live operational Secondary School Campus during the Autumn Term with members of staff and students, and members of the public present during normal school hours	The proposed upgrade works will be completed during the Autumn school term in a live secondary school campus environment with school staff and over 300 students on campus during normal school hours for the duration of the autumn school term. Note in the contract documents that the contractor must strictly control access to the work areas. Contractor to prepare risk assessments and method statements for safe completion of the proposed upgrade works in consultation with the school management and project manager and must allow flexibility for changes to the normal time table and unforeseen events. Upgrade works to be scheduled outside of normal school hours where required to ensure the health and safety of the school population
3.	Work on Live Electrical Apparatus	The existing electrical services will remain live and there is a risk of back feeds to services that are being made redundant and stripped out. Contractor to ensure all electrical works in connection with the upgrade are carried out by competent electricians having completed a site specific risk assessment. No live line works shall be permitted
4.	Work on a school campus at the same time as other works contractors	The employer has also planned for an upgrade of the Science Laboratory and Prep Room in the Main School Building during the Autumn Term. Note in the contract documents that the appointed Heating Upgrade contractor shall liaise with the Science Lab works contractor on site throughout the duration of the upgrade works to ensure the works are completed in a safe and harmonious manner.
5.	Nuisance Fire Alarms	Fire detection and alarm systems must remain operational within the school at all times. There will be a significant element of demolition and refurbishment works within the working areas which may give rise to dust, fumes and smoke with the potential to raise nuisance fire alarms potentially leading to loss of confidence in the system. Note in the contract documents that the contractor must put in place a permit to work system for works within the working areas which will

		include covering / isolation of fire alarm detector heads locally prior to commencement of any works with potential to trigger a nuisance alarm. Fire alarms detectors must be placed back in service on completion of the works to ensure that the college campus is provided with automatic fire detection for protection of life.
6	Contractor Site Set up and Establishment	The contractor shall be working on a shared site with other contractors completing other works during the autumn school term. The contractor will also be working in a live school environment during the autumn term and there is a risk of students entering the contractor site and / or compound, Note in the contract documents that the works contractor is required to segregate the contractor's site establishment compound including office, stores and welfare facility completely from the other contractors works areas and the operational school campus with secure barriers which must be kept in place at all material times to control access and ensure the health and safety of the school population and members of the public visiting the school and other contractors personnel on site.
7	Work in and around manholes to underground drainage systems with risk of vermin and Weils disease (Leptospirosis)	The works will involve making connections to underground pipework systems and Personnel working in areas likely to be contaminated (where rats and vermin are present) must ensure that any cuts, abrasions or scratches are carefully cleaned with sterile wipes or soap and water, and covered with waterproof dressing or appropriate dressing. After contact with raw water, the hands and the forearms must be thoroughly washed with soap and water especially before eating, drinking or smoking, and persons must also avoid rubbing their nose, mouth or eyes during work. Wherever possible protective clothing including impervious gloves must be worn to avoid any contact with infectious materials. Leptospirosis cards should be issued to those employees at risk and this must be shown whenever you attend your doctor or hospital. Contractor to provide relevant Information, training and instruction on Weil's disease, in the form of Toolbox talks.
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Notes re providing information	**Item Nos. (*from above*)**	**Remarks**
a) For client's designers [Section 4.3]	1 to 7	
b) 'Schedule 1'hazards/particular risks [Box C & F019]	1	
c) Other 'particular risks [Box C & F020]	2 to 7	
d) Re assumed construction methods[Box C & F020]		
e) For Safety File [Section 4.5]	1 & 2	
f) In-house: b/f to future stages	1 to 7	

Note: Section reference are to "Design for Safety in Construction" June 2010

Other parties please take note: These are designer's risk evaluations of design options carried out in-house for the purpose of our complying with designer's duties under the Safety, Health and Welfare at Work (Construction) Regulations 2006. The evaluations relate only to those aspects /elements of the project which we are responsible for designing under the terms of our appointment by our client. Other parties should not rely on these evaluations for their own purposes; in particular, contractors, who must deal with and control all risks arising during construction, must carry out their own definitive risk assessments *ab initio* for that purpose.

Information For The Project Supervisor Design Process

In relation to that section of the Project which under the terms of our appointment by the Client we are responsible for designing/specifying

Project:	**Heating Upgrade & Gas Conversion Emergency Works Scariff Community College, Scariff, Co Clare**	**Job Nr.:**	2625

Designer: J Fahey	Checker: J. Fahey	Date: 28/07/2026	Sheet No: 3

Stage: Detailed Design / Tender Stage

'Particular Risks':	Exist (YES/NO)
The following comprises our opinion of when we believe construction of our design will involve any of the ten forms of work listed in Schedule 1 of the Regulations and thus gives rise to statutory particular risks.	
• Work which puts persons at work at risk of (a) falling from a height, (b) burial under earthfalls, or (c) engulfment in swampland, where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or construction site.	No
• Work which puts persons at work at risk from chemical or biological substances constituting a particular danger to the safety and health of such persons or involving a statutory requirement for health monitoring.	Yes (risk of asbestos)
• Work with ionizing radiation requiring the designation of controlled or supervised areas as defined in Directive 96/29/Euratom.	No
• Work near high voltage power lines.	No
• Work exposing persons at work to the risk of drowning.	No
• Work on wells, underground earthworks and tunnels.	No
• Work carried out by divers at work having a system of air supply.	No
• Work carried out in a caisson with a compressed-air atmosphere.	No
• Work involving the use of explosives.	No
• Work involving the assembly or dismantling of heavy prefabricated components.	No
Note: Where a particular risk is present, and where the presence of this work or its associated particular risks would not otherwise be apparent to a competent contractor, the work/hazard (or the particular risk) should be described for inclusion in the Preliminary Safety & Health Plan.	
We consider that the particular risks listed above, where present, would be apparent to a competent contractor.	

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Other Particular Risks:

Other particular risks (i.e. risks which are substantial and unusual in the context of the project) which we have identified:

Note: Where a particular risk is present, and which would not otherwise be apparent to a competent contractor, the work/hazard (or the particular risk) should be described for inclusion in the Preliminary Safety & Health Plan.

	Exist (YES/NO)
• Members of employers staff, students and members of the public present on site in and around the school during normal school hours	Yes
• Other contractors on site	Yes
• Work in the vicinity of the live electrical services.	Yes
• Nuisance / False Fire Alarms due to construction activities	Yes
• Work on under pipework systems with risk of Weil's disease	Yes