

DEPARTMENT OF EDUCATION AND YOUTH
CLIMATE ACTION SUMMER WORKS SCHEME

LIMERICK & CLARE EDUCATION AND TRAINING BOARD

THREE SCIENCE LABORATORY CLASSROOMS UPGRADE

AT

COLÁISTE MHUIRE
ASKEATON
CO LIMERICK
ROLL Nr. 71700F

VOLUME D

PRELIMINARY HEALTH AND SAFETY PLAN

September 2026



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Contents

	Foreword
	Safety Health and Welfare at Work (Construction) Regulations 2013 - 2021
	Specific Requirements of The Tender
1.0	Project Health And Safety Responsibilities
2.0	The Project Team
3.0	The Nature Of The Project
4.0	The Existing Environment
5.0	Drawings / Information
6.0	The Design And Significant Risks
7.0	Construction Materials
8.0	Site Wide Elements
9.0	Overlap With Client Undertaking
10.0	Site Rules
11.0	Continuing Liaison

Appendices

Appendix A	Suggested Format for the Developed Safety and Health Plan
Appendix B	Information required by the client prior to Practical Completion
Appendix C	Legislation Applicable to Construction Sites
Appendix D	M&E Engineers Designer's Risk Assessments
Appendix E	Pre Refurbishment Asbestos Survey & Report

FOREWORD

Fahey O'Riordan as appointed Project Supervisors Design Process (PSDP) for the **Climate Action Summer Works** a Preliminary Safety and Health Plan prepared in accordance with The Safety Health and Welfare at Work (Construction) Regulations 2013 to 2021 which brings together Safety and Health information obtained from the Client, Designer, and where appropriate the Project Supervisor (Design).

The Preliminary Tender Safety and Health Plan will be issued to prospective Contractors as part of the tender documents and is intended to be used as the basis for the developed Safety and Health Plan for the Construction Stage. Prospective Contractors must take into account the specific requirements of the project as described within the Preliminary Safety and Health Plan when preparing and presenting tenders or similar documents.

This document has been prepared for the purpose of providing relevant information to the Project Supervisor Construction Stage

The Project Supervisor Construction Stage (PSCS), who in this case is the assumed to be the Main Contractor, must develop the Construction Phase Safety and Health Plan sufficiently to comply with the Regulations before any construction work can proceed.

Suggestions for the contents of the Developed Safety File (Construction Stage) are contained within Appendix A of this Plan.

Note:

Design Risk Assessments have been and will be prepared for each discipline / area of expertise for all stages of construction, post construction maintenance and building lifecycle (occupancy and use). The Design Risk Assessments will be communicated to the Project Supervisor Construction Stage (PSCS) for inclusion in the Construction Stage Safety and Health Plan.

SAFETY HEALTH AND WELFARE AT WORK (CONSTRUCTION) REGULATIONS 2013 to 2021

All prospective contractors tendering for the works at **Coláiste Mhuire Askeaton, Church Street, Askeaton, Co. Limerick** as described within this Preliminary Safety and Health Plan must be aware that the above Regulations (i.e. Regulations 4, 19, 25, 29 & Appendix 3 & 4) in respect of SOLAS (FAS) Safe Pass Card and CSCS registration will apply.

The implications of this are summarised as follows:

- All persons employed on site must be in possession of a current SOLAS (FAS) Safe Pass Card.
- All persons erecting scaffolding will be required to have a Construction Skills Card.
- Any site with more than 20 workers on site must have a Site Safety Representative.
- The Project Supervisor Construction Stage has additional duties i.e.
 - to co-ordinate arrangements whereby persons at work on a construction site are in possession of a Safe Pass Card and when required a Construction Skills Card
 - to co-ordinate arrangements which facilitate the provision and maintenance of welfare arrangements for all persons who work on site
 - to facilitate in co-operation with contractors the appointment of Site Safety Representatives
- Sub Contractors must furnish the Project Supervisor (Construction) with written confirmation that all persons are in possession of a SOLAS (FAS) Safe Pass Card or Construction Skills Card.
- Contractors with more than 30 persons under their direct employ on multiple sites or 20 persons on a single site must appoint in writing one or more persons as a Safety Officer.
- From 1st July 2002 all Driver Crane Operators, Telescopic Handler Operators, Scaffolders (Advanced), Slingers/Banksmen must have SOLAS (FAS) Construction Skills Cards.
- From 1st June 2003 all Tractor/Dozer, Mobile Crane, Crawler Crane, Articulated Dumper, Site Dumper, 180°/360° Excavators and workers employed in roof and wall cladding and built up felt roofing must have SOLAS (FAS) Construction Skills Cards.

The only exceptions are: -

In the case of persons undertaking tasks:

- a) Scaffolding Basic
- b) Tower Crane Operation
- c) Excavator Operator
- d) Roof and Wall Cladding/Sheeting

In order to gain the experience which is a pre-requisite to undertaking the relevant programme, it shall be permissible for those persons to undertake the tasks during the period required by the programme provided that:

- i) They are at all times under the direct supervision of a person who is in possession of the relevant registration card and
- ii) They are in possession of a letter from their employer stating that they are a trainee under supervision and giving the date at which they began undertaking this type of work.
- iii) Under the FAS New Entrant Training Programme trainees will have to under go a four day training course.

SPECIFIC REQUIREMENTS FOR CONTRACT AWARD

Information to be provided prior to the Award of Contract:

It is a requirement of this project that the successful Contractor will provide the information as detailed in the accompanying Declaration of Suitability for Contractors for Small Works prior to contract award:

1.0 Project Health And Safety Responsibilities

1.1 Introduction

This Preliminary Health and Safety Plan collects and passes on information about significant Health and Safety risks which the Principal Contractor will have to manage during the Construction Phase of the project as laid down in The Safety Health and Welfare at Work (Construction) Regulations 2013 to 2021.

The Contractor must make full allowance for complying with the necessary Regulations, both in terms of programme and resources.

The scope of works will involve a full strip out refurbishment upgrade of the Three Science Laboratory Classrooms, Preparation Rooms and Stores including provision of new furniture, upgrade of mechanical and electrical services and all associated builder's & civil works. The CASW project also includes provision of two new bicycle shelters and all associated civil works.

The proposed Science Lab Upgrade Climate Action Summer Upgrade Works project is programmed for completion on a phased basis between October 26th 2026 and May 31st 2027 in a live secondary school campus with a school population of over 300.

The heavy demolition and excessively noisy works shall be programmed outside of normal school hours and during available holiday periods. The school will be closed for the following holiday periods:-

October Mid-term 2026:- Mon 26th Oct - Fri 30th Oct, reopen Monday Nov. 2nd
Christmas Holidays:- Wed 23rd Dec 2026 - Tue 5th Jan 2027, reopen Jan 6th 2027
February Mid-term 2027:- Mon 15th Feb – Fri 19th Feb, School reopen Feb 22nd 2027
Easter Holiday:- Mon 22nd Mar – Sun 4th Apr School Reopens April 5th 2027

The proposed Science Lab Upgrade works shall be completed on a phased sequential basis with one lab being taken out of service and handed over to the contractor for refurbishment at a time. The proposed outline programme for the phased upgrade works is as follows:-

Phase 1 – Science Lab 1 - October 26th 2026 to 19th February 2027

- Full strip out of Science Labs 1 and completion of all heavy demolition works over the October mid-term break
- Complete any excessively noisy works outside of school hours
- Complete the fit out during normal school hours
- Works to be accessed via the external door to lab only
- Access to the remainder of the school only outside of normal school hours
- Works completed and handover by 19th February 2027

Phase 2 – Science Lab 2 – February 15th 2027 to 4th April 2027

- Full strip out of Science Labs 2 and completion of all heavy demolition works over the February mid-term break
- Complete any excessively noisy works outside of school hours
- Complete the fit out during normal school hours
- Works to be accessed via the external door to lab only
- Access to the remainder of the school only outside of normal school hours
- Works completed and handover by April 4th 2027

Phase 3 – Science Lab 3 – Mar 22nd 2027 to 31st May 2027

- Full strip out of Science Labs 3 and completion of all heavy demolition works over the Easter holiday period
- Complete any excessively noisy works outside of school hours
- Complete the fit out during normal school hours
- Works to be accessed via the external door to lab only
- Access to the remainder of the school only outside of normal school hours
- Works completed and handover by May 31st 2027

The appointed contractor shall undertake the role of PSCS, and shall, prior to commencing any works on site, develop the Health and Safety Plan further to cover all aspects of the science laboratories upgrade and associated electrical, mechanical, builders & civil works to be undertaken. This will include carrying out design risk assessments where appropriate (e.g. temporary electrics etc).

The Contractors must make full allowance for complying with the necessary Regulations, both in terms of programme and resources.

Construction work will not be allowed to proceed until there is an adequate Construction Stage Health and Safety Plan in place which adequately addresses the site-specific issues described in this document. The Plan must be submitted to the Project Manager / PSDP at least one week before any activity commences on site.

2.0 Project Team

2.1 Client:-

Name: Limerick and Clare Education and Training Board,
Address: Station Road, Ennis, Co. Clare
Contact: Marie Cooney
Telephone: (065) 6865476
Email: marie.cooney@lcteb.ie

2.2 College Campus:

Name: Coláiste Mhuire Askeaton
Address: Church Street, Askeaton, Co. Limerick V94 P603.
Contact: Andrew T McNamara, Deputy Principal
Telephone: 061 392 368
Email: andrew.t.mcnamara@lcteb.ie

2.3 Building Surveyors

Name: McHugh Glynn & Associates
Address: Bank Street, Templemore, Co. Tipperary
Contact: Garreth McHugh
Telephone: 0504 31142 / 086 252 1325
Email: garreth@mchughglynn.ie

2.3 Project Manager & M&E Services Engineers

Name: Fahey O'Riordan Consulting Engineers
Address: Shanaclogh, Cappawhite, Co Tipperary
Contact: Mr. John Fahey
Telephone: (062) 75929
Mobile: 087 933 9582
Email: john@force.ie

2.4 Project Supervisor Design Process

Name: Fahey O'Riordan Consulting Engineers
Address: Shanaclogh, Cappawhite, Co Tipperary
Contact: Mr. John Fahey
Telephone: (062) 75929
Mobile: 087 933 9582
Email: john@force.ie

2.5 Project Supervisor Construction Stage

Name: Appointed Main Contractor
Address: TBA
Contact: TBA
Telephone: TBA
Email: TBA

3.0 The Nature of the Project

3.1 Location

The site of the works is located at **Church Street, Askeaton, Co. Limerick V94 P603.**

3.2 Nature of the Works

The scope of work for the Three Science Laboratory Classrooms Upgrade Climate Action Summer Works Project comprises a full strip out and refurbishment of the three science classrooms, prep rooms and stores and associated mechanical, electrical, civil and builders works to include as follows:-

- a) Isolation, disconnection, drain down and strip out and disposal of all existing redundant furniture, equipment and associated mechanical and electrical services in the three science labs
- b) Supply and installation of new Science laboratory furniture as detailed and in accordance with the Department of Education and Youth current TGDs and Furniture Specifications
- c) Alteration and upgrade of mechanical services to suit the new furniture layouts including gas, water, wastes, drainage and ventilation.
- d) Alteration and upgrade of the electrical services to suit the new furniture layouts
- e) All associated builders works, including upgrade of fire doors, opening up floors, making good and re-decoration to match existing finishes including laying new flooring throughout and full painting and redecoration of all science lab classrooms.
- f) Two new 20 bay bicycle shelters and associated civil works
- g) Maintenance of the new installations, furniture and M&E services for the defects liability period (12 months)

The Contractor shall supply all labour, materials, equipment and engineering services, and perform all works necessary to install the complete, tested, commissioned, and operational Furniture Systems and associated Mechanical and Electrical services in accordance with the Specification and Drawings.

3.3 Restrictions on working hours

It is proposed to commence the Science Labs & Climate Action Summer Works on 26th October and to complete the phased upgrade works in and around a live operational secondary school campus during school term and over holiday periods to achieve substantial completion by 31st May 2026.

7:30am - 5:00pm Monday to Friday.

8:00am – 2:00pm Saturday

Other times by agreement with the Project Manager.

3.4 Intended Contract Dates:

Contract Award	22 nd October 2026
Mobilise on Site	26 th October 2026
Phase 1 Science Lab 1 completion	19 th February 2027
Phase 2 Science Lab 2 completion	2 nd April 2027
Phase 3 Science Lab 3 completion	31 st May 2027

3.5 Intended Contract Completion Date

Overall substantial completion by 31st May 2027

3.6 Environmental Restrictions and On Site Risks

The site is located on Church Street Askeaton Co Limerick adjacent to the public roadway and is bounded on all sides by walls or boundary fences, however these are not secure and special consideration should be given to site security, access and traffic management.

4.0 The Site

4.1 Description of the Site

Coláiste Mhuire is located on its own site off Church Street Askeaton Co Limerick.

The proposed works will be completed in and around the existing secondary school buildings as shown on the accompanying tender drawings.

The main school building was constructed in three separate phases between the 1980's and 2000's and is a part two storey building in traditional masonry and brickwork and with a pitched profiled composite metal roof system with a mix of suspended lay in tile ceilings and plasterboard ceilings.

To The South - There is a paved area, sports fields, a hedge boundary and agricultural lands adjacent

To The East - There is a boundary wall and St Mary's Church of Ireland and Cemetery adjacent at the front and agricultural lands towards the rear

To The West - There is the access road to the rear of the school, a post and wire fence and a separate access road to the GAA grounds and a supermarket and car park at the front and a GAA sports field to the rear.

To The North - There is car parking, the main entrance and exit to Church Street adjacent and residential properties opposite

The site is not secure with easy access possible over the boundary walls and fences.

4.2 Existing Structures

The contractor will be required to take every precaution to ensure that the structure or finishes of the building are not compromised by any necessary builder's works for the proposed life safety systems upgrade.

Should any deterioration be noted then work must cease and advice as to how to proceed sought from the Design Team through the Project Manager.

Consultation must take place with the Project Manager in relation to any work involving breaking through the structure of the buildings to install new services. Locations are to be agreed with the project manager prior to commencement of any such builder's works.

4.3 Existing Services

The mains water supply is brought underground to the school the exact route and main isolation point is unknown.

The waste risers are run underground and exact routes are unknown.

The incoming power supply is brought to the building via underground duct to the main distribution board located in the Electrical room, exact route is unknown..

Locations and routes of existing services are not detailed. The contractor must verify the extent and location of all existing services that may be affected by the works. Underground services have not been surveyed and local utilities companies including ESB, Telecom, Gas Networks Ireland and the local authority should be contacted prior to commencement of any excavation works to lay the proposed new underground services.

The Contractor shall complete a Ground Penetrating Radar (GPR) Survey to identify and locate existing underground services in the vicinity of the proposed underground services upgrade works prior to commencing any excavations.

4.4 Ground Conditions (Including Contamination)

No information available.

5.0 Drawings/Information

The drawings, information and other documents which were used in the preparation of the tender package are listed below:

Document No.	Title
2621-SP	Volume A - Works Requirements Particular Specification
2621-FTS6	Volume B - Form of Tender & Schedule
2621-SOP	Volume C – Pricing Document / Schedule of Prices
2621-PHSP	Volume D - Preliminary Health & Safety Plan
2621-ITTW4	Instructions to Tenders

Drawing No	Title
2621-AE-01	Existing Layout & Proposed Demolition Works - Science Laboratory No.1
2621-AE-02	Existing Layout & Proposed Demolition Works - Science Laboratory No.2
2621-AE-03	Existing Layout & Proposed Demolition Works - Science Laboratory No.3
2621-AP-01	Proposed Furniture Layout & Details - Science Laboratory No.1
2621-AP-02	Proposed Furniture Layout & Details - Science Laboratory No.2
2621-AP-03	Proposed Furniture Layout & Details - Science Laboratory No.3
2621-BW-01	Associated Builders Work Layout & Details - Science Laboratory No.1
2621-BW-02	Associated Builders Work Layout & Details - Science Laboratory No.2
2621-BW-03	Associated Builders Work Layout & Details - Science Laboratory No.3
2621-BW-04	Associated Builders Work Layout & Details - 30 & 60 Min Fire Doors & Windows
2621-EL-01	Proposed Lighting & Emergency Lighting & Fire Alarm Layouts
2621-EP-01	Proposed Power, Gen. Services & Containment Layout - Science Lab No.1
2621-EP-02	Proposed Power, Gen. Services & Containment Layout - Science Lab No.2
2621-EP-03	Proposed Power, Gen. Services & Containment Layout - Science Lab No.3
2621-EX-01	Proposed Electrical Site Services & Bicycle Shelter Layout & Details
2621-MG-01	Proposed Gas Services Upgrade Layout
2621-MG-02	Proposed Science Lab Gas Services Layouts
2621-MH-01	Proposed Heating Services Layout & Details - Science Laboratory No.1
2621-MH-02	Proposed Heating Services Layout & Details - Science Laboratory No.2
2621-MH-03	Proposed Heating Services Layout & Details - Science Laboratory No.3
2621-MV-01	Proposed Ventilation Services Layout & Details - Science Lab No.1
2621-MV-02	Proposed Ventilation Services Layout & Details - Science Lab No.2
2621-MV-03	Proposed Ventilation Services Layout & Details - Science Lab No.3
2621-MW-01	Proposed Water & Drainage Services Layout & Details - Science Lab No.1
2621-MW-02	Proposed Water & Drainage Services Layout & Details - Science Lab No.2
2621-MW-03	Proposed Water & Drainage Services Layout & Details - Science Lab No.3

6.0 Design and Particular Risks

6.1 Introduction

It is the duty of the PSDP under Regulation 11(1) of the Safety Health and Welfare at Work (Construction) Regulations 2013 to 2021 to apply the principles of prevention. These include the performance of risk assessments, in order to include within the Preliminary Safety and Health Plan and details of specific and particular risks identified.

The following is information concerning risks identified by the designer to allow the contractor to assess and put in place appropriate precautions. No attempt has been made here to describe those hazards and risks which a competent contractor should be able to identify and deal with. These risk assessments will be revised as the design develops. The complete design risk assessments are contained in Appendix D.

6.2 General Site Set Up

The contractor will be allocated an area within the School Campus, in close proximity to the works which can be used as a location for his office, storage and other facilities as required. A source of supply for water can be made available if required. A source of permanent power can also be made available for the works from the employers existing supply, and the contractor must make provision for temporary power for the works. The use of designated toilet/washing facilities within the building will also be made available to the contractor during holiday periods only. During normal school term the contractor shall provide a portable welfare

facility for contractor staff to avoid potential child welfare issues. It would be intended that details of the above and the actual boundaries of the site establishment would be agreed by the contractor and Project Manager at the Contract Pre-Start meeting

Parking facilities will be made available to the contractor within a designated area of the school car park.

6.3 Risks Identified By the PSDP

- It is proposed to complete the Science Labs & Climate Action Summer Works between October 26th 2026 and May 31st 2027 in a live school campus environment. The contractor will be working in and around a live operational school campus delivering the secondary school curriculum to over 300 students. The contractor shall be required to carefully plan the upgrade works during the school term to ensure they can be carried out safely and to program all excessively noisy hard demolition works during available holiday periods and/or outside of the normal school hours to avoid disruption to the school activities. It is envisaged that the contractor shall be facilitated to work during school hours working in close co-ordination with the school management to programme the refurbishment works. The contractor shall be given possession of only one science classroom suite sequentially during normal school term. Working outside of school hours will also be facilitated. Full details to be agreed at the commencement meeting. The protection of employer staff, learners and visitors to the campus is of critical importance at all times as is the avoidance of excessive noise during school hours.
- Security of the identified boundaries of the site of both the proposed construction work and the office/storage area in order to prevent unauthorised access. Any security arrangements must include a method of recording who is on site at any moment in time and shall be agreed in consultation with the school principal and the project manager.
- The protection of pedestrian and vehicular traffic is of critical importance within the access road and yard areas of the School whilst works are in progress.
- Prevention of any build-up of waste or stored materials beyond the boundaries of the identified compound area.
- The provision and maintenance of adequate messing, welfare and hygiene facilities for operatives, staff and visitors to site. The Health Safety and Welfare at Work (Construction) Regulations 2013 Part 14, regulations 98 to 105 inclusive which designate it as a specific duty of the contractor.
- Minimising the nuisance which may be caused by the works to all other areas beyond the boundaries i.e. noise, vibration, dust emissions etc. For information see section 10.1.
- Provision of adequate task lighting or power sources to carry out the works (110v distribution is mandatory (for further information see Item 10.7 of this Plan). Any temporary electric supply required by the contractor for the carrying out the works shall be a matter for the contractor to arrange.
- Ensuring that persons in close proximity to the works but not directly involved in them are not put at risk by poor housekeeping, unprotected opes and other hazards relating to the work.
- Initiation and enforcement of a strict fire plan as required by Item 10.5 of this Plan. A system of "hot work permits" is essential.
- Control of access to the work area. Unauthorised access must be prevented.

6.4 Risks Identified By the Architect

Not applicable.

6.5 Risks Identified By the Civil and Structural Designers
Not applicable.

6.6 Risks Identified By the Mechanical and Electrical Designers
See Appendix D.

6.7 Significant Hazards

Asbestos Material

Due to the age of the building there is a risk that the building contains asbestos materials.

The pre-refurbishment asbestos survey and report has not identified any asbestos in the proposed refurbishment areas.

The appointed contractor shall be vigilant when undertaking the works and should any materials of concern be discovered work should cease immediately and the issue reported to the PSCS and PSDP immediately for investigation.

For the purposes of tender the contractor should assume that existing services can be stripped out and new services installed as indicated on the drawings without the need to deal with asbestos materials.

7.0 Construction Materials

The below list is not all encompassing and can be added to by the Project Supervisor (Construction) and/or as the fabric of the works develops.

1. Cement Based Material
I.e. mortar, concrete, floor screeds, plaster, etc.
2. Glues, Solvents and Paints including Intumescent Paint
Thought must be given to adequate ventilation during use, secure storage and method of disposal of unused material and empty cartons.

The Project Supervisor Construction Stage is required to maintain a register of all hazardous substances including material safety data sheets and COSHH assessments.

8.0 Site Wide Elements

8.1 Position of Site Access and Egress

The contractor shall access the School via the main entrance from Church Street. Local access within the site will be agreed at the Pre Start Meeting with Project Manager.

8.2 Pedestrians

All existing pedestrian and vehicular routes in and around the location of the works must have adequate signage provided in order to make everyone aware of the "works in progress".

8.3 Noise

Noisy works to be only carried out with prior notification and agreement of the Project Manager and School management.

8.4 Dust

Dusty works to be minimised and controlled.

8.6 Off Loading and Storage

A Contractors Compound / Laydown area shall be located in the School yard adjacent to the building, exact details to be agreed with the Project Manager. All materials coming to site must

be stored within the Contractors Compound which will subject to agreement with the Project Managers at the Pre Start Meeting.

8.6 Site Accommodation

Location to be agreed with the Project Manager

8.7 Security

The site must be kept secure to prevent members of the public from entering the working areas. The Project Supervisor Construction Stage is to ensure signing in and out procedure for site operatives and visitors to site, as close as possible to the site entrance.

9.0 Overlap with Client's Undertaking

9.1 The existing Fire Alarm systems within the buildings shall be maintained in service for the duration of the works whilst the Science Labs are being upgraded. Smoke heads shall be covered during any dusty works to prevent contamination of the detectors and false alarms. Remove all smoke detectors covers on completion.

9.2 Fire/Emergency Procedures

Follow Client fire procedures.

9.3 Client Rules for Contractors

The Contractor shall at all times follow the rules and requirements as set out in the contract documents.

9.4 Client Operations

The school caretaker will continue to operate for the duration of the works and the contractor shall liaise as necessary with the principal to ensure the safety and health of the school staff at all times. Provide client staff inductions as necessary.

10.0 Site Rules

10.1 Prevention of Nuisance

In the production of any method statement, procedures need to be incorporated to address the following: -

(a) Noise Control

In all cases, the best practicable means of minimising noise on the site must be adopted. In this respect best guidance is given in British Standard, BS 5228: 1984 Code of Practice for Noise Control on Construction and Open Sites.

(b) Spoil Rubbish and Surplus Material

Spoil rubbish and surplus material must be removed from site as it accumulates unless otherwise specified.

(i) Comply with legislation governing the controlled tipping of refuse and disposal of contaminated water.

(ii) Avoid infestation by review, disposing properly of any matter attractive to pests.

(c) Pollution

Prevent any pollution of any kind being caused by the execution of the works.

(d) Dust

Dust concentration levels must be kept to a minimum.

10.2 High Visibility Clothing

Contractors employees and those of his sub contractors will wear high visibility clothing at all times whilst within the School Complex, whether working internally or externally.

10.3 Lifting Equipment

Should the Main Contractor decide to use any form of electrical hoisting equipment e.g. hoist, crane, conveyor etc then he must prior to use obtain the following information which will be recorded in the Safety File i.e.

- Type of power source required and availability of that power source.
- Technical data for equipment to be used i.e. height, reach, capacity, base requirements etc.
- Temporary works design if required for the base i.e. foundation, sole boards etc.
- Test certificates for selected equipment.
- Qualifications and details of experience for banksmen or slinger etc if required.
- If a crane is decided upon then the qualifications and details of the experience of the crane driver and the person in charge of lifting operations must be recorded.

10.4 Personal Protective Equipment

The Main Contractor will assess the need and provide all necessary personal protective equipment for persons employed on site and all visitors to site i.e. safety helmets, overalls, safety footwear etc as required by the Safety Health and Welfare at Work Act 2005.

He must also ensure that protective equipment is worn at all times for the duration of the contract.

10.5 Hygiene

The Main Contractor must provide and ensure the use of suitable hygiene facilities, which will include hot and cold water, soap, towels, barrier creams, sanitizer etc.

10.6 First Aid

The Main Contractor must provide adequate first aid facilities.

10.7 Temporary Electrics

The Contractor must provide the PSCS with details of his proposals for the provision of any temporary electric supply, which he may require during the course of the works. These details will include:

- Source and nature of supply.
- In built protection within the system i.e. RCD or other step down and distribution proposals.

It should also be noted that prior to the use of temporary electric supplies, the PSCS must have received appropriate test certificates to show that all work is acceptable to Electrical Regulations.

The contractor should also note that **only 110v tools will be acceptable**. Temporary electrics are a design element and as such need to be designed by a competent person and require design risk assessments (by the contractor).

10.8 Reporting of Accidents

The Contract Administrator must be kept informed with regard to any accidents or dangerous occurrences that may occur on site and be recorded within the Safety File.

Copies of all correspondence with the Health and Safety Authority in regard to the project must also be copied.

10.9 SOLAS (FAS) Safe Pass Card

The Contractor must be able to demonstrate at all times that both he and his sub contractors are in compliance with the duties imposed in the Safety Health and Welfare at Work (Construction) Regulations 2013 – 2021(SI 528:2021).

11.0 Continuing Liaison

The enclosed Initial Safety and Health Plan is a true reflection of the project with regards to the information available at the time of writing.

The following procedures shall be in place with respect to considering the Health and Safety implications of design decisions, which remain to be made, or where design changes occur or where time required for the completion of the project or phases of the project occurs.

The relevant design decisions, design changes or time changes should only be those which materially affect the information provided with respect to particular risks as defined under the Regulations or to the nature and scope of the project as to the extent necessary to enable the Project Supervisors to comply with the Safety Health and Welfare at Work (Construction) Regulations 2013-2021 SI No 528:2021

The PSCS will promptly bring to the attention of the PSDP any such design decisions that he is aware of.

Designers are to notify promptly both the PSDP and PSCS of design decisions and provide them with sufficient information i.e. copies of documentation etc, in order for them to carry out the necessary assessments before the revised work is carried out and to give directions regarding same when the assessment has been completed.

The PSDP will be copied with the minutes of all on site meetings where design decisions are involved and all written instructions or confirmation or verbal instructions issued by the Design Team which are relevant decisions or changes as defined above.

The PSDP and the PSCS shall meet as necessary to co-ordinate information received from all designers. The frequency of such meetings will depend on the matters to be addressed by the PSCS in the developed Safety and Health Plan. Health and Safety must be headed up as an item to be addressed at all Project Site meetings, including the contractors meetings with designers sub contractors, suppliers, employees etc.

Where unforeseen eventualities arise during project execution resulting in substantial design changes or affecting the time period for the project, the Designers shall promptly notify the PSDP and PSCS and provide these with relevant information together with the Designer's Risk Assessment. Directions shall be issued as necessary by the PSCS acting on the information and work assessment supplied.

APPENDIX A

SUGGESTED FORMAT FOR THE DEVELOPED SAFETY AND HEALTH PLAN

SUGGESTED FORMAT FOR DEVELOPED HEALTH AND SAFETY PLAN

Note: The format is only given as a general guideline and may be adjusted or revised as the PSCS nevertheless, the Safety and Health Plan must address the issues outlined.

1.0 GENERAL

- 1.1 Description of the Project
Including name of person responsible for carrying out duties of Project Supervisor Construction Stage.
- 1.2 General Statement of Health and Safety Principles and Objectives for the Project
Including a copy of the Contractor's Health and Safety Policy Document and Health and Safety Statement.
- 1.3 Information on restrictions which affect the Work.

2.0 ORGANISATION AND MANAGEMENT

The number and type of staff responsible for Health and Safety on this Project with details of their qualifications, a schedule of their duties and contact numbers, (emergency and normal). Specific and suitably qualified individual(s) must be identified as Site Safety Officer to take overall responsibility for site safety issues including the approval of method statements, permits to work and liaison with the Project Supervisor(s).

3.0 HEALTH AND SAFETY STANDARDS TO WHICH PROJECT WILL BE CARRIED OUT

4.0 MEANS FOR INFORMING ALL CONTRACTORS ON SITE

- 4.1 Please note the definition of Contractor under the Regulations is extremely broad

5.0 SELECTION PROCEDURES

Contractors, self-employed and designers employed by the contractors will comply with Health and Safety requirements and made adequate provision for Health and Safety. Suppliers of materials to provide adequate Health and Safety information to support their products.

Machinery and plant to be properly selected used and maintained and operation training provided.

6.0 COMMUNICATION AND CO-OPERATION

7.0 ACTIVITIES WITH RISKS TO HEALTH AND SAFETY

Risk Assessments include those to be incorporated by other contractors. Control measures including arrangements for issuing directives.

8.0 ACTIVITIES WITH PARTICULAR RISK TO HEALTH AND SAFETY

Control measures including method statements to be clearly set out.

PROCEDURES AND A PROGRAMME FOR THE DEVELOPMENT OF CONTRACTOR DESIGN ITEMS AND CONTINUED LIAISON WITH THE PROJECT SUPERVISOR (DESIGN STAGE) AND THE CLIENT'S SAFETY OFFICER

10.0 EMERGENCY PROCEDURE

For dealing with and minimising effects of injuries, fire and other dangerous occurrences.

Reporting of notified accidents or incidents to Health and Safety Authority under the Safety, Health and Welfare at Work (General Application) Regulations 1995.

Arrangements for ensuring those proper site safety records are maintained.

11.0 WELFARE PROVISION

12.0 INFORMATION AND TRAINING FOR PEOPLE ON SITE

13.0 CONSULTATION WITH PEOPLE ON SITE

14.0 SITE RULES

15.0 SAFETY FILE

Arrangements for passing on information for preparation of the Safety File to the PSDP as the project progresses.

16.0 ARRANGEMENTS FOR MONITORING COMPLIANCE

17.0 PROJECT REVIEW

Reviews on different trades as the work completes.

APPENDIX B

**INFORMATION REQUIRED BY THE CLIENT TO BE PROVIDED BY THE PSCS TO THE PSDP IN
THE FORM OF A HEALTH AND SAFETY FILE ON OR PRIOR TO PRACTICAL COMPLETION
BEING ISSUED FOR ANY SECTION OF THE WORKS**

IMPORTANT NOTICE

The Contractor/PSCS must be aware that the Client will require two hard copies and two electronic copies on disk of all Health and Safety information which will form the basis of the Safety File or Files.

The Contractor/PSCS will be required to provide to the PSDP: -

- Two copies of all encompassing information which includes all 'As Built' operational and maintenance information pertaining to the works. **To be available on or prior to Practical Completion. Delay in submission of the Health & Safety File will result in delay in Practical Completion.**
- Where the nature of the design includes performance specifications for work packages where the Main Contractor or his Sub Contractor is expected to develop the design further in order to prepare installation drawings, the Main Contractor will be expected to provide "As Constructed" drawings and other information for inclusion within the Safety File.

Please Note:

All information must be produced in an acceptable manner i.e.

- suitably sized four ring presentation binder
- sections indexed
- indexes and information fitted into PVC poly pockets for durability
- Drawings in both electronic and paper format

APPENDIX C

LEGISLATION AND STATUTORY FORMS APPLICABLE TO CONSTRUCTION SITES

LEGISLATION APPLICABLE TO CONSTRUCTION SITES

SI No 528 of 2021

Safety Health and Welfare at Work (Construction) (Amendment) Regulations 2021

SI No 129 of 2019

Safety, Health and Welfare at Work (Construction) (Amendment) Regulations 2019

SI No 291 of 2013

Safety Health and Welfare at Work (Construction) Regulations 2013

SI No 504 of 2006

Safety Health and Welfare at Work (Construction) Regulations 2006

SI No 381 of 2006

Safety Health and Welfare at Work (Work at Height) Regulations 2006

No 7 of 2005

Safety Health and Welfare at Work Act 2005

This Act applies to all places of work

No 10 of 1955

Factories Act 1955

No 9 of 1980

Safety in Industry Act 1980

Certain provisions of the 1955 and 1980 Acts apply to construction work

SI No 44 of 1993

Safety Health and Welfare at Work (General Application) Regulations 1993

SI No 132 of 1995

Safety Health and Welfare at Work (Signs) Regulations 1995

SI No 619 of 2001

Safety Health and Welfare at Work (Chemical Agents) Regulations 2001

Code of practice for Safety Health and Welfare at Work (Chemical Agents) Regulations 1994

SI No 80 of 1993

Safety Health and Welfare at Work (Carcinogen) Regulations 1993

SI No 446 of 1994

Safety Health and Welfare at Work (Pregnant Employees, etc) Regulations 1994

SI No 357 of 1995

Safety Health and Welfare at Work (Repeals and Revocations) Order 1995

SI No 34 of 1989 &

European Communities (Protection of Workers) (Exposure to Asbestos) Regulations 1989

SI No 276 of 1993

European Communities (Protection of Workers) (Exposure to Asbestos) (Amendment) Regulations 1993

SI No 219 of 1988

European Communities (Protection of Workers) (Exposure to Lead) Regulations 1988

SI No 157 of 1990

European Communities (Protection of Workers) (Exposure to Noise) Regulations 1990

SI No 251 of 1989

European Communities (Protection of Workers) (Exposure to Chemical, Physical and Biological Agents) Regulations 1989

SI No 77 of 1994

European Communities (Classification, Packaging and Labelling of Dangerous Substances) Regulations 1994

SI No 272 of 1995

European Communities (Classification, Packaging and Labeling of Dangerous Preparations) Regulations 1995

1987 Air Pollution Act

1990 Building Control Act

European Communities (Manual Handling of Loads Where There is a Risk Particularly of Back Injury) Directive 90/269/EEC

STATUTORY CONSTRUCTION FORMS

- AF1** Notification By The Client To The HSA – to be made following the appointment of the PSDP.
- AF2** Notification By The PSCS To The HSA – to be made prior to start of the construction process.
- CR2** Certificate of safe working load of an excavator/and or loader used as a crane – to be issued before machine is put into use.
- CR3** Certificate of test of thorough examination of a crane – to be made every 14 months or a period not greater than four years if the crane has been out of use etc.
- CR3A** Report of the results or anchoring or ballasting tests of cranes – to be made on each before the crane is erected.
- CR3B** Report of the results of any test of automatic safe load indicators – to be made before it is put into use or after any alteration that is likely to affect the indicator.
- CR4** Certificate of test and thorough examination of crabs, winches, pulley blocks and gin wheels used for a load of 1 tonne or more – every four years.
- CR4A** Report of thorough examination of lifting appliances (except hoists and mobile elevating work platforms)- every 14 months.
- CR4B** Report on results of weekly inspections of lifting appliances or safe load indicators.
- CR5** Certificate of test and examination of wire rope – to be before the wire rope is put into use.
- CR6** Certificate of test and examination of chains, chain slings, rope slings or similar gear – to be made every six months.
- CR6A** Report of thorough examination of chains, ropes and lifting gear – to be made every six months.
- CR6B** Report of annealing or appropriate heat treatment of chains and lifting gear – to be carried out as the treatment is carried out.
- CR7** Certificate of test and thorough examination of hoist.
- CR7A** Report of results of six monthly thorough examination of hoists.
- CR7B** Report of results of any test and examination of hoist to be used for carrying persons.
- CR7C** Certificate of test or thorough examination of mobile elevated work platform.
- CR7D** Report of results of six monthly through examination of mobile elevated work platform.
- WH1** Work Equipment for Work at Height Inspection Form
- AF3** Inspection and Thorough Examination of:
a) Excavations, shafts, earthworks, underground works or tunnels.
b) Cofferdams or caissons
- IR1** Form of Notice of Accident
- IR3** Form of Notice of Dangerous Occurrence

APPENDIX D DESIGNER'S RISK ASSESSMENTS

Designer's Assessment of Safety and Health Hazards/Risks (M&E)			
Project: Science Labs Climate Action Summer Works 2026 Coláiste Mhuire, Askeaton, Co Limerick			Job Nr.: 2621
Designer: J Fahey	Checker: J. Fahey	Date: 24/09/2026	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 buildings there is a risk that there is asbestos present. The available Asbestos Register has highlighted 'Assumed Asbestos being present in the Fume Cupboards and a pre-refurbishment survey and report has been commissioned and will be made available to tendering contractors It is not envisaged that the proposed Science Labs 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 Asbestos Register provided for contractor information	
2.	Existing Overhead ESB Power Lines Crossing the main Entrance to the school Site	There are existing ESB Networks overhead Power Lines running along the footpath at the main entrance to the school. These present a potential risk to contractor personnel during the construction phase. Note in the contract documents that the contractor must liaise directly with ESB prior to commencement and must develop a detailed risk assessment and method statement for completing works near overhead power lines. All work undertaken must comply with the current Code of Practice for Avoiding Danger from Overhead Electricity Lines which is available for download from the ESB Website www.esb.ie	
3.	Work in and around a Secondary School during holidays with members of staff present	The College administration, teaching and caretaker staff will be on campus during holiday periods for the duration of the upgrade works. Note in the contract documents that the contractor must control access to the Science Lab Upgrade work areas. Client staff to be included in contractor site inductions where required	
4.	Work in and around a live operational Secondary School Campus during the School Term with members of staff and students, and members of the public present during normal school hours	The proposed phased upgrade works will run during into the school term and be completed in a live school campus environment with school staff and over 300 students on campus during normal school hours and with members of the public visiting the school. 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.	

5.	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
6	Science laboratory Chemical Store	The science laboratory chemical store is stocked with a significant quantity of chemicals, all of which are stored in a safe manner. Works will be carried out in this room as part of the upgrade, therefore it is advised that the contractor arrange with the school principal / science teacher for use of a suitable alternative room and to relocate the chemicals there for the duration of the works.
7	Unknown Underground Services - Trenching for new services	The proposed upgrade will require saw cutting concrete service yards and trenching within the school grounds to lay new services. There is a risk of existing unknown underground services being present. Note in the contract documents that there are potential unknown existing underground services and that the contractor should undertake his own detailed GPR survey / enquiries with the utility providers prior to commencing construction works to saw cut the concrete service yard or trench through the field / yard for new services.
8	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 and smoke with the potential to raise nuisance fire alarms potentially leading to loss of confidence in the system by the staff and students. 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.
9	Contractor Site Set up and Establishment	The contractor shall be working on site 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 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.
10	Work at a height to install roof mounted ventilation fans and ductwork services with unprotected edges and frangible roof lights	The proposed ventilation services to the science labs will require to be run at roof level and there is a risk of falling from a height. Note in the contract documents that the contractor must prepare a detailed Risk Assessment Method Statement for the installation of roof mounted ductwork and that the work must be planned organised and carried out by competent personnel following the general principals of prevention and choosing the right work equipment. The contractor shall follow the Guide to Safety Health and Welfare at Work (General Application) Regulations 2007 Part 4 :Work at Height. Assumed method of access to construction works is using a suitable cherry picker / MEWP or Scaffold Tower to access the work locations at high level and on the roof.

11	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 drainage 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.	
Notes re providing information		Item Nos. (from above)	Remarks
a) For client's designers [Section 4.3]		1 to 11	
b) 'Schedule 1'hazards/particular risks [Box C & F019]		1 & 10	
c) Other 'particular risks [Box C & F020]		2 to 9 & 11	
d) Re assumed construction methods[Box C & F020]		10	
e) For Safety File [Section 4.5]		1 to 11	
f) In-house: b/f to future stages		1 to 11	

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: Science Labs Climate Action Summer Works 2026
Coláiste Mhuire, Askeaton, Co Limerick

Job Nr.: 2621

Designer: J Fahey

Checker: J. Fahey

Date: 24/09/2026

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.
- 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.
- Work with ionizing radiation requiring the designation of controlled or supervised areas as defined in Directive 96/29/Euratom.
- Work near high voltage power lines.
- Work exposing persons at work to the risk of drowning.
- Work on wells, underground earthworks and tunnels.
- Work carried out by divers at work having a system of air supply.
- Work carried out in a caisson with a compressed-air atmosphere.
- Work involving the use of explosives.
- Work involving the assembly or dismantling of heavy prefabricated components.

Yes

Yes

No

No

No

No

No

No

No

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.

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: Science Labs Climate Action Summer Works 2026
Coláiste Mhuire, Askeaton, Co Limerick

Job Nr.: 2621

Designer: J Fahey

Checker: J. Fahey

Date: 24/09/2026

Sheet No: 4

Stage: Detailed Design / Tender Stage

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.

- Overhead ESB Power Lines
- Work in the vicinity of the live electrical services.
- Members of employers staff present on site
- Students and Members of the Public present
- Chemicals / Chemical Stores Present
- Nuisance / False Fire Alarms due to construction activities
- Unknown Underground Services
- Work on under drainage systems with risk of Weil's disease

Exist
(YES/NO)

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

APPENDIX E

PRE-REFURBISHMENT ASBESTOS SURVEY AND REPORT

Phoenix Environmental Safety Ltd.

ASBESTOS SURVEY REPORT

(Refurbishment / Demolition Survey)

Client: Limerick Clare ETB,
Newtown, Castletroy, Limerick

Location: Coláiste Mhuire (Selected Areas),
Askeaton, Co. Limerick

Date: 25th May 2026

Report No. PE26-603



Graigueswood, Freshford, Co. Kilkenny

Tel: 056 8832414
Fax: 056 8832950

admin@phoenixenv.ie
www.phoenixenv.ie

Client Name: Limerick Clare ETB, Newtown, Castletroy, Limerick

Property: Coláiste Mhuire (Selected Areas), Askeaton, Co. Limerick

Asbestos Survey Type: Refurbishment/Demolition Asbestos Survey

Survey Company: Phoenix Environmental Safety Ltd.

Surveyors: Jane Hickey

Testing Laboratory: G&L Consultancy Ltd.

Date of Survey: 19th May 2026

Date of Survey Report: 25th May 2026

Report issue: Final

Signed: 

Date: 25th May 2026

This report cannot be used for contractual or engineering purposes unless this sheet is signed where indicated by Surveyor. The report must also be designated 'final' on the signatory sheet.

Please note that Phoenix Environmental Safety Ltd. cannot be held responsible for the way in which the Client interprets or acts upon the results. The report must be read in its entirety including any appendices. Phoenix Environmental Safety Ltd. accepts no responsibility for sub-division of this report. All measurements in this report are approximate and therefore should not be used by the asbestos removal contractor for pricing purposes. The asbestos removal contractors should ascertain for themselves, by site measurements and inspection, the exact nature and extent of the work to be done.

The survey information should be used to help in the tendering process for removal of ACMs from the building before work starts. The survey report should be supplied by the client to designers and contractors who may be bidding for the work, so that the asbestos risks can be addressed. In this type of survey, where the asbestos is identified so that it can be removed (rather than to manage it), the survey does not normally assess the condition of the asbestos, other than to indicate areas of damage or where additional asbestos debris may be present. However, where the asbestos removal may not take place for some time, the ACMs' condition will need to be assessed, and the materials managed.

TABLE OF CONTENTS	PAGE
Cover sheet	1
Signatory Sheet	2
Table of Contents	3
Summary	4
Introduction.....	5-6
Appendix A (Asbestos materials in buildings)	7-8
Appendix B (Results of Laboratory Analysis)	9-10
Appendix C (Asbestos Data Sheets).....	11-12
Appendix D (Non asbestos containing materials)	13-15
Appendix E (Non-accessible locations)	16
Appendix F (Floor plans & location of asbestos containing materials).....	17-18

SUMMARY

Following a request made by Fahey O'Riordan Consulting Engineering Ltd., we have produced this Refurbishment/Demolition Asbestos Survey report for the selected areas at Coláiste Mhuire in Askeaton, Co. Limerick with the aim of finding asbestos containing materials (ACMs) within the scope of the asbestos survey.

The scope of the asbestos survey was confined to all accessible areas of the three existing science labs and a demonstration room at Coláiste Mhuire in Askeaton which are due for refurbishment works in the near future.

During the asbestos survey of the selected areas at Coláiste Mhuire in Askeaton, no asbestos containing materials were identified.

INTRODUCTION

Background

Asbestos has been used extensively in the building industry for over one hundred years and has proved to be an excellent product for a variety of uses, having many qualities such as insulation, fire and chemical resistance to name a few. Its suitability across a wide range of uses and its relatively cheap cost made it very popular, with over 3,000 different asbestos products having been recorded.

The use of asbestos containing materials (ACMs) was most prevalent between the 1950's and 1970's when it provided an economic, easy to use and versatile material. Unfortunately, given the constitution and make up of asbestos it can give rise to microscopic airborne fibres being released into the working environment. The fibres have carcinogenic properties caused by inhalation of the fibres which can get lodged in the lining of the lungs causing disease and death.

Scope & Purpose

Limerick & Clare ETB have commissioned Phoenix Environmental Safety Ltd. to undertake an asbestos survey at the selected areas at Coláiste Mhuire in Askeaton, Co. Limerick. The aim of the survey was to locate and identify the presence of asbestos containing materials (ACMs) or suspected ACMs. This report provides a record and assessment of the extent and characteristics of ACMs and is based on information made available on the 19th May 2026.

This particular survey comprised of a Refurbishment / Demolition Survey, carried out in accordance with Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006 – 2025, the 2025 Code of Practice for the Safety, Health and Welfare at Work (Exposure to Asbestos) Regulation 2006-2025, the Health and Safety Executive's (UK) guidance document HSG 264 (Asbestos: The Survey Guide) and HSG 227 (A Comprehensive Guide to managing Asbestos in Premises).

This means that:

- As far as reasonably practicable, locate and describe all ACMs in all reasonably accessible areas within the scope of the survey
- A sampling programme is undertaken to identify possible ACMs and estimates of the volumes and the surface areas of ACM made
- A record of the condition of the ACMs or where additional asbestos debris may be expected to be present is produced

Refurbishment / Demolition Surveys (formerly type 3 surveys)

This type of survey is necessary prior to any refurbishment (including "minor") or demolition work being carried out. These "refurbishment / demolition" surveys will be much more intrusive and destructive compared with management surveys as their intention is to locate all the ACMs so that they can be removed before the refurbishment or demolition takes place. Refurbishment/demolition surveys are required as necessary when the needs or use of the building changes and the fabric of the building will be disturbed or complex fixed plant and equipment are to be dismantled.

The purpose of the report is to:

- Enable the client to take appropriate precautions so that people who work at the selected areas at Coláiste Mhuire in Askeaton during the forthcoming refurbishment/demolition works are not exposed to asbestos-related health risks
- Provide information to assist the client in developing and implementing an action plan before any refurbishment works or demolition is carried out.

Presentation of Findings

Data Sheets

A series of data sheets have been prepared to provide assessments and recommendations for each of the locations where samples were taken. These data sheets are presented in Appendix C.

Figures

The schematic diagrams presented in Appendix F at the rear of this document shows the locations of all of the asbestos containing materials detected during the asbestos survey.

Caveats

All reasonable steps have been taken to ensure that the contents and findings of this report are true and accurate. Though as stated below, further undetected ACMs may still be present within the premises. The client should therefore be aware of his responsibilities for identifying, locating, removing and/or managing all ACMs within the premises, and for notifying the appropriate authorities where necessary.

Refurbishment / Demolition Surveys

This type of survey employs the use of destructive sampling techniques of an unfamiliar site. Although every effort is made to locate all asbestos containing materials, it is impossible to rule out the possibility that undiscovered asbestos materials may be present. If the building is to undergo major refurbishment or demolition, it is recommended that the persons carrying out the work are made aware of this and take sufficient precautions, as may be appropriate, to ensure the health and safety of their own employees and any other parties who may be affected by the works.

APPENDIX A

ASBESTOS MATERIALS IN BUILDINGS

Sprayed coatings applied in Ireland were typically a mixture of hydrated asbestos cement containing up to 85% asbestos, mainly amosite but crocidolite and mixtures have been used. Primarily used for anti-condensation and acoustic control and fire protection to structural steelwork. It is a friable material but if in a good condition and unlikely to be disturbed it presents no immediate danger; however, it is likely to release fibres, if disturbed especially during repair and maintenance work. As it ages the binding medium of sprayed asbestos may degrade with the consequent release of more fibres.

Thermal insulation to boilers, vessels, pipe work, valves, pumps etc. also known as hand applied lagging. Lagging may have a protective covering of cloth, tape, paper, metal or a surface coating of cement. All types of asbestos may be found in lagging and the content can vary between 15 and 85% asbestos with the protective papers being up to 100% chrysotile. The likelihood of fibre release depends upon its composition, friability and state of repair, but it is particularly susceptible to damage and disturbance through maintenance work or the action of water leaks.

Asbestos insulating boards usually contain between 15 to 40% amosite, although boards may be found to contain other types of asbestos and in other quantities. Insulating boards were developed in the 1950s to provide an economical, lightweight, fire resisting insulating material. As insulation board is semi-compressed it is more likely to release fibres as a result of damage or abrasion. Work on asbestos insulation board can give rise to high levels of asbestos fibre.

Asbestos cement products such as in roofing slates, wall cladding, permanent shuttering, flue, rainwater and vent pipes generally contain 10 to 15% of asbestos fibre bounded in Portland cement, some flexible boards contain a small proportion of cellulose. All three types of asbestos have been used in the manufacture of asbestos cement. The asbestos fibres in asbestos cement are usually firmly bound in the cement matrix and will be released only if the material is mechanically damaged or as it deteriorates with age.

Ropes and yarns are usually high in asbestos content, approaching 100% and all three types of asbestos have been used in their manufacture. They were used as in the pipe lagging process and in pipe jointing and also for packing materials as in heat/fire resistant boiler, oven and flue sealing or anywhere thermal or fire protection was required. The risk of fibre release depends upon the structure of the material; bonded gasket material is unlikely to release asbestos but an unbonded woven material may give rise to high fibre release especially if when damaged or frayed.

Cloth thermal insulation and lagging, including fire resistant blankets, mattresses and protective curtains, gloves, aprons, overalls etc. All types of asbestos have been used in the manufacture but since the mid 60's the majority has been chrysotile, the content of which can be up to 100 %.

Millboard, paper and CAF gaskets usually have an asbestos content approaching 100% with all three types of asbestos being used in their manufacture. They were used for insulation of electrical equipment and for thermal insulation. Asbestos paper has been used as a laminate for fireproofing to various fibre panels. These materials are on some occasions not well bonded and will release asbestos fibres if subject to abrasion and wear.

Bitumen felts and coatings may contain asbestos either bound in the bitumen matrix or as an asbestos paper liner. These materials are not likely to present a hazard during normal installation or use but should be removed and disposed of in compliance with any regulation applicable.

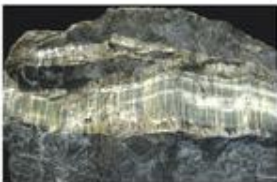
Thermoplastic floor tiles can contain up to 25% asbestos, usually chrysotile, PVC vinyl floor tiles and unbacked PVC flooring normally 7-10% chrysotile and asbestos paper backed PVC flooring the paper backing may contain up to 100% chrysotile. Fibre release is not normally an issue but may occur when the material is cut or subjected to abrasion.

Textured coatings. Decorative coatings on walls and ceilings usually contain 3-5% chrysotile. Fibre release may occur when subjected to abrasion.

Mastics, sealants, putties and floor tile adhesives may contain small amounts of asbestos. The only possible risk is from sanding of hardened material when appropriate precautions should be taken.

Reinforced plastic and resin composites, used for toilet cisterns, seats, banisters, stair nosings, window seals, lab bench tops, brake shoes and clutches in machines. The plastics usually contain 1-10% chrysotile and were used in for example, car batteries to improve the acid resistance. Resins may contain between 20 and 50% amosite, but because of its composition fibre release is likely to be low.

ASBESTOS FIBRE TYPE COMMON NAMES	
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	N/A
Fibrous Anthophyllite	N/A
Fibrous Tremolite	N/A

		
Chrysotile	Amosite	Crocidolite
		
Tremolite	Actinolite	Anthophyllite

APPENDIX B

RESULTS OF LABORATORY ANALYSIS



BULK MATERIAL SAMPLE REPORT

Reference No:	J707768	Client Order No:	N/A
Date Received:	22 May 2026		
Client Name and Address:	Phoenix Environmental Safety Ltd (IE), Graigueswood, Freshford, Co. Kilkenny, Ireland .		
Site Address:	Colaiste Mhuire, Askeaton, Co. Limerick		
Sampling Officer:	Phoenix Environmental Safety Ltd (IE)		
Date of Analysis:	22 May 2026		
Analyst:	Justin Proctor		
Approving Officer:	Andy Webster	Signed:	
Issue Date:	22 May 2026		

ANALYSIS RESULTS

Sampling carried out by our own officers follows the procedures documented in our internal method M3: The Sampling of Bulk Materials, for Analysis to Determine the Presence of Asbestos. These samples have been analysed in accordance with internal method M2: The Identification of Asbestos, within Bulk Materials, by the Use of Optical Microscopy. Both these internal methods are based on the standard method as outlined in the HSE Document HSG248 'Asbestos: The Analysts' Guide. Any deviations from these standard methods will be recorded in this report. No responsibility is taken for sampling that is not carried out by own officers. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. Any comments regarding percentage content is outside the scope of our UKAS accreditation. The material classification is the opinion of the analyst, based on the samples' appearance, as received, and may not accurately reflect the source material on site. Where 'Trace Asbestos' has been reported, only 1 or 2 fibres or fibre bundles have been identified and analysed as asbestos following a thorough examination of the sample. All samples are analysed at one of our UKAS accredited laboratories in Somerset or Northern Ireland. This report must not be reproduced, except in full, without the written permission of the laboratory. These samples will be retained within this laboratory for a period of six months prior to disposal at a licensed asbestos disposal site, unless the client makes alternative arrangements. Reports will be retained for a minimum of five years following the date of issue. Please note that for flooring samples, G&L Consultancy uses the following convention: Positive Tile, Positive Bitumen = Reinforced Composite + Bitumen Product; Positive Tile, Negative Bitumen = Reinforced Composite; Negative Tile, Positive Bitumen = Bitumen Product; Negative Tile, Negative Bitumen = Not Applicable. For advice concerning these materials, risk assessments, removal procedures or information regarding the current legislation for work with asbestos containing materials, please contact G&L Consultancy Ltd.

Site Ref	Lab Ref	Description	Analysis Result	Classification
S1	BS257093	Science Lab 1 - Floor Tile	No Asbestos Detected	Not Applicable
S2	BS257094	Science Lab 1 - Sink Unit - Felt Pad	No Asbestos Detected	Not Applicable

G&L Consultancy Ltd

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G&L Consultancy Ltd is a company registered in England and Wales with a Company Number: 3687929



APPENDIX C

ASBESTOS DATA SHEETS



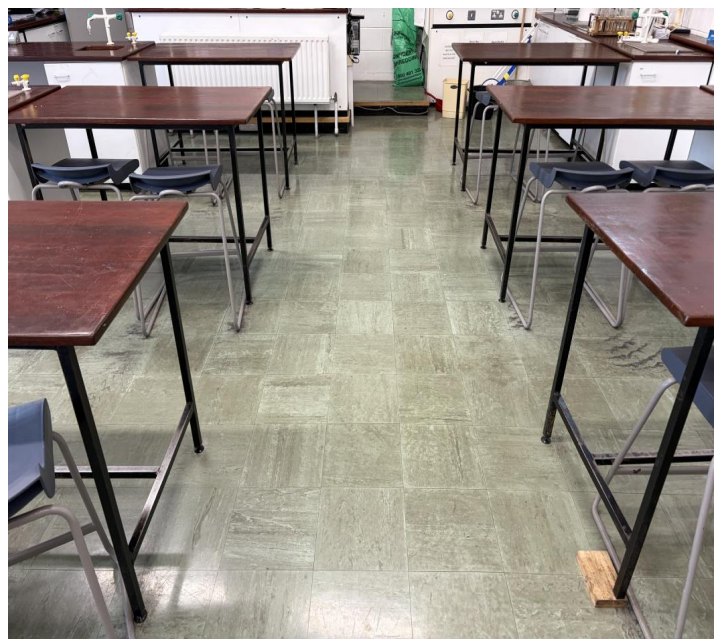
Coláiste Mhuire, Askeaton, Co. Limerick



PHOENIX ENVIRONMENTAL SAFETY LTD. ASBESTOS DATA SHEET



Created By	Jane Hickey
Date	25 th May 2026
Site Details	Coláiste Mhuire, Askeaton, Co. Limerick
Client Name	Limerick Clare ETB
Survey Type	R/D Asbestos Survey
Site Ref	PE26-603
Building Ref.	Coláiste Mhuire
Location	Science Labs & Demo room
Extent/ Amount	N/A



Survey Date	19.5.2026	Sample No.	N/A
Survey Company	Phoenix Environmental Safety Ltd.		
Testing Laboratory	G&L Consultancy Ltd.		

	MATERIAL ASSESSMENT		PRIORITY ASSESSMENT
Product type	N/A	Normal occupant activity	N/A
Extent of damage	N/A	Likelihood of disturbance	N/A
Surface treatment	N/A	Human exposure potential	N/A
Asbestos type	N/A	Maintenance activity	N/A
Material assessment score: N/A		TOTAL SCORE: N/A	Priority assessment score: N/A

CONCLUSIONS AND RECOMMENDATIONS

NO ASBESTOS CONTAINING MATERIALS IDENTIFIED

APPENDIX D

NON-ASBESTOS CONTAINING MATERIALS



Fibre glass ceiling tiles and fiberglass insulation in ceiling void



Laminate timber board surrounding fume hoods

NON-ASBESTOS CONTAINING MATERIALS



Metal flue pipe above fume hoods

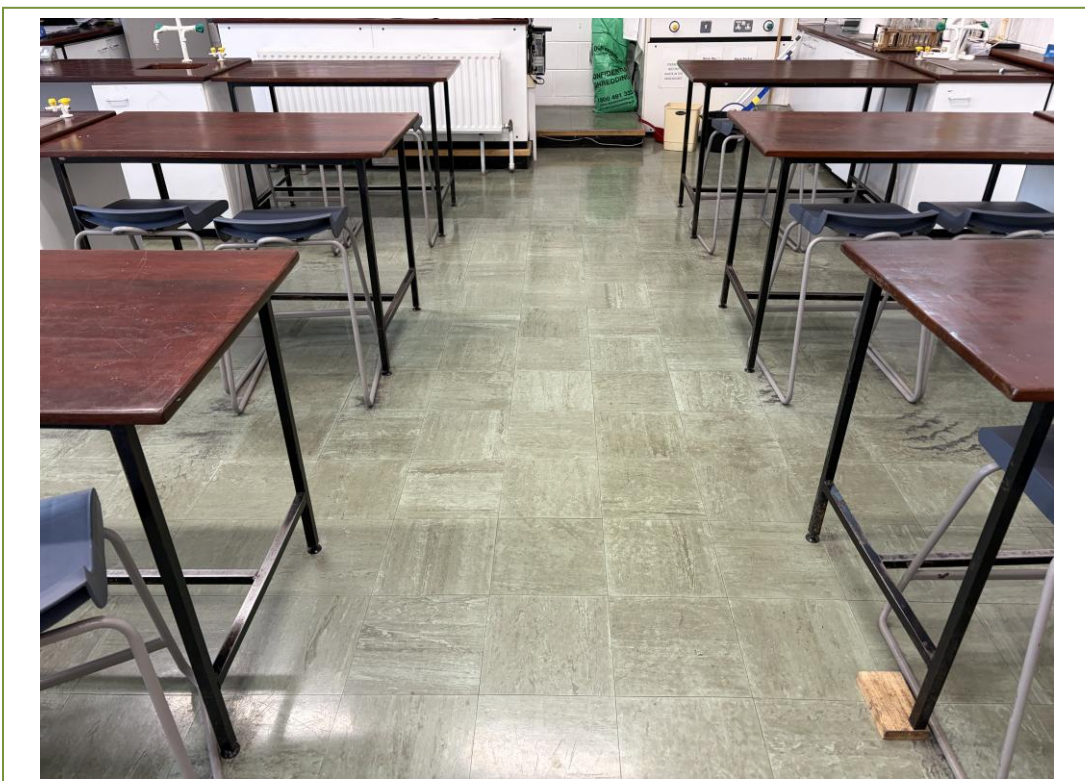


Timber boards surrounding fume hoods

NON-ASBESTOS CONTAINING MATERIALS



Felt pads on sink unit



Green floor tiles on floors throughout

APPENDIX E

NON-ACCESSIBLE LOCATIONS

- No inspection was carried on flues, ducts, voids and similar enclosed areas, the access to which would necessitate the use of specialist equipment or tools, or which would have caused damage to decorations, fixtures, fittings or the structure of the building
- No fixed floor finishes (ceramic tiles, laminate flooring etc.) were lifted or inspected in areas of the house unlikely to be disturbed as part of the forthcoming works
- No inspection of live electrical or mechanical plant, pipe work or similar requiring the attendance of a specialist engineer was carried out. All electrical and mechanical equipment was treated as live
- No underground services or confined spaces were surveyed
- No inspection of any areas requiring specialist access equipment other than telescopic ladder was carried out
- Samples have not been taken where the act of sampling would endanger the surveyors or affect the functional integrity of the item concerned
- All contractors working on site should always remain vigilant to the possibility that other asbestos containing materials may be concealed within the fabric of the building or equipment. If any suspect asbestos containing materials are uncovered during the course of the work, works must stop in that area and the suspect material should be sampled and analysed immediately for the presence of asbestos

APPENDIX F

FLOOR PLANS & LOCATION OF ASBESTOS CONTAINING MATERIALS

