

DESIGN STAGE

Health & Safety

Hazard and Risk Assessment

CONSTRUCTION PHASE RISKS

PROPOSED UPGRADE SHOWER FACILITIES and TOILET At PHOENIX SPORTS CENTRE

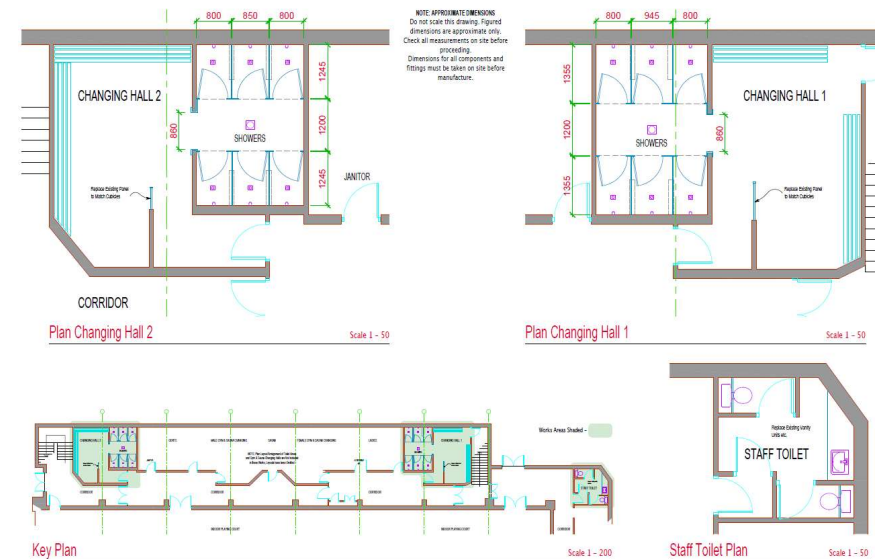
The Works:

These works will upgrade the existing shower facilities of changing halls 1 & 2 and one staff toilet. These upgrades will increase user comfort creating a much more welcoming and acceptable environment. The facilities and surfaces finishes will be upgraded. The entire works are confined to the immediate areas of Changing Halls 1 & 2, and the existing Staff Toilet.

The works include:

Disconnection and removal of all existing shower fittings, cubicles, WHB's, WC pans, associated plumbing and wastewater pipes

- Disconnection and removal of existing Electrical Fittings, Adjustments of existing Electrical Fittings and new electrical work
- Removal of existing screen panels, vanity cabinetry, cistern encasements, mirrors, toilet roll holders, towel rails, hooks and miscellaneous fittings
- Demolition and removal of existing blockwork partition walls as indicated
- Removal of existing floor tiles from shower areas, break up and remove existing floor screed
- Removal of existing floor drainage fittings
- Re-screed existing floor in shower areas to acceptable falls
- Install new floor drainage fittings and new selected non-slip flooring, with waterproof joints and coved skirting upstands
- Upgrade of wall and ceiling finishes, cladding etc.
- Install new forced ventilation systems
- Install new shower control fittings and shower heads together with associated plumbing
- Install new sanitaryware
- Install framed shower cubicle systems, framed vanity units, cistern encasements, all necessary edge and pipe trims etc.
- Painting and Decorating, walls and joinery
- Install fixtures, fittings and signage



LAYOUT PLAN



PEACEPLUS
Northern Ireland - Ireland

Co-funded by the



Rialtas na hÉireann
Government of Ireland



Comhairle Contae Mhuineacháin
Monaghan County Council

A project supported by PEACEPLUS; a programme managed by the Special EU Programmes Body (SEUPB)

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Design Stage Health & Safety Hazard and Risk Assessment Form for CONSTRUCTION PHASE RISKS												
Assessed by: Seamus Morris				Signature: 		Date Conducted: 10/08/2026						
Location: Changing Halls 1 & 2 and Toilet of Phoenix Sports Centre				Upgrade Shower Facilities & Toilet		Assessment Number: C&E 26.002						
Hazard	Risk	Risk Group	Likelihood	Severity	Risk Rating Before Control	CONTROL MEASURE <i>Note:</i> This design stage risk assessment is preliminary in nature, based on information and context at design stage. All risks must be fully reassessed at construction stage and hand over stage, by contractor and management, respectively with corresponding re-evaluation of control measures. Assessment is limited to the immediate works area. <i>Note:</i> Risk Rating After Control only applies after the control measure has been implemented.			Responsible Person/s	Likelihood	Severity	Risk Rating After Control

Risk Matrix:

Risk Rating Matrix		
Numeric Rating	Likelihood	Severity
1	Very Unlikely	Very minor injuries
2	Unlikely	First aid minor injury/illness
3	Likely	"3 Day" injury/illness
4	Very Likely	Major injury/illness
5	Almost Certain	Permanently disabling injury /illness or fatality

Risk Numerical Matrix						
5 Almost Certain	5	10	15	20	25	
4 Very Likely	4	8	12	16	20	
3 Likely	3	6	9	12	15	
2 Unlikely	2	4	6	8	10	
1 Very Unlikely	1	2	3	4	5	
	Minor 1	Moderate 2	Significant 3	Serious 4	Major 5	

Action Matrix	
12-25 High	Immediate action required. Activity should be stopped until control measures can be implemented to reduce risk to medium or low rating.
6-10 Medium	Activity can proceed, but with caution, and ensuring control measures are maintained. Risk Assessment must be regularly rechecked and all reasonable efforts should be made to reduce risk rating to low.
0-5 Low	Activity can proceed. Control measures must be monitored and reviewed as required to ensure they remain suitable and sufficient.

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Design Stage Risk Assessment for Upgrade Shower Facilities and Toilet

HAZARDS - Construction Stage	HAZARDS - Construction Stage	HAZARDS - Construction Stage
Manual Handling	Confined Space	Electricity or Gas Unknown Services, Electricity, Underground and Overhead, Gas, Water, Telecommunications, Storm Drains, Sewers
Heavy Components & Lifting Operations	Vermin	Adverse weather conditions
Lone Working	Live Traffic	Unknown Services
Emergency Procedure	Asbestos	Other Adjacent Activities
Housekeeping	Plant and Equipment	
Slippery Surfaces	Working at Heights	Mechanised and Mechanical Equipment
Inadequate Heating, Lighting and / or Ventilation	Access and Egress	Liquid and Energy
Unsanitary Locations / Items	Hand Tools / Portable Tools / Vibrating Tools / Equipment	Powered Equipment
Contact with Hazardous Biological Agents	Consaw / Abrasive Wheels	
Chemical Substances: Dust, Paint, Paint Fumes, Thinners, Varnish etc.	Working with Mobile Elevated Work Platform (MEWP)	

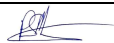
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Construction Stage:

Manual Handling	Risk of back injury or other body injury. Injuries such as strains, bruises from handling heavy/bulky objects	Centre User				- Control of Access to Works Area - All Persons accessing Works Area to be trained in manual handling - Heavy items to be assessed Lifting of items requiring lifting aids is NOT PERMITTED - All lifts must be assessed to determine suitability of lift and number of persons required for lift - Lifting must be in accordance with training - Assess current housekeeping conditions, if conditions are not suitable do not attempt lift - Practice good housekeeping during visit/survey - Work area / Site will be clearly defined and kept clear - Suitable personal protective equipment to be worn, e.g. safety boots/shoes, gloves, etc.	Contractor			
		Children					Contractor Operatives			
		Vulnerable Adults					Sub-Contractor Operatives			
		Centre Staff	4	3	12		Centre Staff	2	3	6
		Site Visitor								
		Contractor Operatives								
Lone Working	Injury Unable to summon help	Sub-Contractor Operatives				- Centre Staff, Site Visitors, Contractor Operatives, Sub-Contractor Operatives must have adequate means of summoning for help in event of becoming unwell/emergency - Risk Assess and Consider Lone Working Device's/Systems and implement as appropriate - All Site Visitors, Contractor Operatives, Sub-Contractor Operatives must carry with them a mobile phone with adequate signal coverage and adequate charge. - All Centre Staff, Site Visitors, Contractor Operatives, Sub-Contractor Operatives must always have a First Aid Kit readily available to them	Contractor			
		Contractor Operatives	3	3	9		Contractor Operatives			
		Sub-Contractor Operatives					Sub-Contractor Operatives	2	3	6
							Contractor			



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Heavy Components and Lifting Operations		Centre User				- Lifting requirements to be assessed in advance works commencement and appropriate advance planning and organising implemented - Appropriate Risk assessment to be carried out in advance of each work stage, which shall include assessment of Loads - Ensure additional temporary loadings that may be applied, during the works, are within the safe loading parameters of the ground conditions / floor / platforms / grid flooring / walkways / steel covers etc. - All grating / grid platforms / steel covers / walkways etc. must be checked to ensure they are secure and stable - Suitable equipment will be used for any lifting operation - Machinery tested. SWL (Safe Working Load) will be detailed on all mechanical lifting aids, this load must not be exceeded - Keep exclusion zones during lifting operations - Tripods, Gantry's, hoists, chain slings, rope slings, hooks, shackles or eye bolts must be examined for any defects before been used. Inspected and certified 6-monthly. Certificates to be available on site - All employees trained in manual handling - As per manual handling training, all lifts must be assessed to determine suitability of lift and number of persons required for lift - Lifting must be in accordance with training - Plant and equipment not to be left unattended	Contractor Contractor Operatives Sub-Contractor Operatives Centre Staff	1	5	5
	Risk of back injury or other body injury	Children								
		Vulnerable Adults								
	Risk of sever crush injuries	Centre Staff	3	5	15					
		Site Visitor								
	Risk of crush injuries causing death	Contractor Operatives								
		Sub-Contractor Operatives								



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Location: Changing Halls 1 & 2 and Toilet of Phoenix Sports Centre **Upgrade Shower Facilities & Toilet** **Assessment Number:** C&E 26.002

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Emergency Procedure	Fire	Centre User				- All Centre Staff, Site Visitors, Contractor Operatives, Sub-Contractor Operatives should be made familiar with evacuation procedures for their work/visit location - Keep escape routes clear at all times - Ensure work areas are kept clean and tidy, practice good housekeeping, do not allow rubbish to accumulate - Keep work areas and spaces clear of any additional materials and equipment - Store substances as per manufactures recommendation, Store products in their correct containers. - Do not store substances in incorrect/unmarked containers - No Smoking inside buildings or vehicles - Naked flames restricted to applicable work activities only and such activity carried out in strict conformity with applicable procedure and safe practices, by trained personnel only	Centre Staff			
	Risk of Fire	Children					Site Visitor			
	Physical Injury or Fatality	Vulnerable Adults					Contractor Operatives			
	Person Unable to Escape	Centre Staff	2	5	10		Sub-Contractor Operatives	2	3	6
	Property Damage	Site Visitor					Contractor			
	Burns or Scalding	Contractor Operatives								
	Chemical or Biological Contamination	Sub-Contractor Operatives								
Slippery Surfaces	Slips, Trips and/or Falls	Centre User				- Appropriate slip-resistant footwear to be always worn - All Spillages to be rinsed off and dried immediately. - Drip trays shall be used to contain drips when working on liquid bearing equipment.	Centre Staff			
		Children					Site Visitor			
	Cuts, Grazes, Puncture Wounds	Vulnerable Adults					Contractor Operatives			
		Centre Staff	4	3	12		Sub-Contractor Operatives	3	3	9
	Burns or Scalding	Site Visitor					Contractor			
	Broken Bones	Contractor Operatives								
		Sub-Contractor Operatives								



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Date Conducted: 10/08/2026

Location: Changing Halls 1 & 2 and Toilet of Phoenix Sports Centre

Upgrade Shower Facilities & Toilet

Assessment Number: C&E 26.002

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Housekeeping	Slips, Trips and/or Falls Cuts, grazes, puncher wounds Burns or Scalding Broken bones	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	5	3	15	- Practice and maintain good housekeeping, always keep access and egress routes free - All spillages to be cleaned up immediately - Work area / Site will be clearly defined - Report any damage to floors or walkways immediately - Ensure there are no trailing extension leads - Tools and Items not to be left lying around, Storage area to be provided for materials and tools - Check that floors are free from debris and that all obstacles and potential trip hazards are removed from immediate work area - Store equipment and materials in a safe and secure location - Litter will not be thrown around; litter must be collected and disposed of into the correct waste stream - Suitable personal protective equipment to be worn, e.g. safety boots/shoes, gloves, etc.	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	3	3	9
Unsanitary Locations / Items	Infections causing illness	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	3	3	9	- Assess specific space before engaging in work operations - Clear and clean work area prior to commencing works - Wear appropriate PPE for the specific conditions, disengage from work activity and exit space when conditions are encountered that would not be suitable or safe - Cleaning chemicals to be used in accordance with manufacturer's instructions	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	2	4



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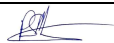
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Inadequate Heating, Lighting and / or Ventilation	Unsuitable conditions leading to health problems	Centre User	3	3	9	- Full effective lighting may not be readily available in all sections of the building/works, Provide suitable personal lighting for each individual or temporary lighting as appropriate - Assess each space for adequate ventilation before entering, open windows if additional ventilation is required, If sufficient ventilation is not readily available do not enter the space before fully purge ventilated - Space heating will not be operable for the entire duration of the works, Ensure appropriate clothing for the predicted weather conditions - Hazard and Risk Assess each Space viz-a-viz Confined Space. Do not enter a Confined Space, Adhere to Confined Space Procedures and Hazard and Risk Assessments - Do not proceed with works if unsure about work conditions - Suitable personal protective equipment to be worn, e.g. safety boots/shoes, gloves, etc.	Centre Staff	2	2	4
		Children					Site Visitor			
		Vulnerable Adults					Contractor Operatives			
		Centre Staff					Sub-Contractor Operatives			
		Site Visitor					Contractor			
Powered Equipment	Electrical Shock Electrocution Severe Burns Serious Injury Death	Centre User	4	5	20	- Working on live equipment shall not be permitted - All powered equipment shall be isolated during works - Operate a lock out and tag system whilst working with powered equipment - Powered equipment procedures to be included in site induction process	Centre Staff	2	5	10
		Children					Site Visitor			
		Vulnerable Adults					Contractor Operatives			
		Centre Staff					Sub-Contractor Operatives			
		Site Visitor					Contractor			



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Contact with Hazardous Biological Agents	Skin / eye contact with unknown biological agents Physical Injury Risk of inhalation.	Centre User	2	5	10	- Treat all unknown substances as if they are dangerous - Clear and clean work area prior to commencing works - Wear appropriate PPE for the specific conditions, disengage from work activity and exit space when conditions are encountered that would not be suitable or safe - Do not open or smell unknown products - Adhere to Contractors and direct employers Health and Safety Manual Risk Assessments - Adhere to Contractors and direct employers Health and Safety SOP and Risk Assessment for Sharps, Needle Stick Injury and Accidental Exposure to Blood Procedure - Ensure first aid kit is stocked correctly and readily available. - Wash your hands after handling any substances or products - Seek medical help if suspected exposure - Ensure first aid kit is stocked correctly and readily available	Centre Staff	2	4	8
		Children					Site Visitor			
		Vulnerable Adults					Contractor Operatives			
		Centre Staff					Sub-Contractor Operatives			
		Site Visitor					Contractor			
Mechanised and Mechanical Equipment	Entrapment Squashing Cutting Limb Body Injury Death	Centre User	3	5	15	- Working on live equipment shall not be permitted - All mechanical equipment shall be immobilised during works - Operate a lock out and tag system whilst working with mechanical equipment - Mechanical equipment procedures to be included in site induction process	Centre Staff	2	5	10
		Children					Site Visitor			
		Vulnerable Adults					Contractor Operatives			
		Centre Staff					Sub-Contractor Operatives			
		Site Visitor					Contractor			



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Liquid and Energy	Engulfment Drowning Serious Injury Death.	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	3	5	15	- Liquid and Energy shall be isolated at source - Liaise with Centre Management to confirm Isolation at source - Lock Out and Tag Out system to be employed - Isolation of Liquid and Energy procedures to be included in site induction process	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	5	10
Vermin	Health Conditions Leptospirosis, also known as Weil's Disease	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	3	4	12	Weil's disease is caused by contact with water that has been contaminated with urine of rats and other small mammals such as mice and voles or surfaces contaminated with their urine. Weil's disease enters the body through broken skin, the eyes and through the lining of the mouth and nose. - If encountered DO NOT handle the carcasses of dead rats or other small mammals. - Cover all cuts and abrasions with waterproof dressing - Wear protective gloves and clothing - Practice good hygiene and wash hands regularly - Avoid touching your eyes, mouth and nose - Seek medical help if you feel you may have been infected - If evidence of vermin is encountered report to Contractor or Client	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	4	8

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Signature: 

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Upgrade Shower Facilities & Toilet

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Chemical Substances Dust Paint, Paint Fumes Thinners Varnish etc.	Risk of spillage to skin or inhalation Skin / eye contact with chemicals Inhalation of fumes / Dust Risk of Fire Physical Injury Environmental damage	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	2	5	10	- Ensure substances are kept to minimum quantity and only used as directed - A chemical risk assessment should be carried out - Wear suitable PPE. E.g. Gloves, mask, goggles etc. as per MSDS - Store substances as per manufactures recommendation - Implement and adhere to SOP for Control of Workplace Exposure to Hazardous Substances (Chemicals) - Treat all unknown substances as if they are dangerous, do not open or smell unknown products - Keep out of direct sunlight - Implement and Adhere to SOP for Sharps, Needle Stick Injury and Accidental Exposure to Blood Procedure - Read and understand the MSDS. If you are unsure speak to your line manager - Adhere to Health and Safety Manual Risk Assessments - Only use substance in a well-ventilated area - Only handle substances if trained to do so - Operatives using substances should ensure that they have access to fresh water in the event of an emergency to ensure in the event of a splash etc. (as per emergency measures in SDS) that means of washing eyes etc. are in place - Wash your hands after handling any substances or products - Store products in their correct containers, do not store substances in incorrect/unmarked containers - Ensure suitable means of washing splashes etc. are available - Follow First Aid advice on the MSDS sheets - Ensure best practice environmental measures are adopted and implemented - Ensure first aid kit is stocked correctly and readily available. - Seek medical help if suspected exposure	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	4	8



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Live Traffic, Including on Site Sports Centre Users & Visitor Traffic		Centre User				- All vehicles to be parked in a safe manner and in a way that does not cause and obstruction to oncoming vehicles / site traffic - No works to be carried out that will interfere with, obstruct or in any way hinder the safe and unimpeded traffic flow - Assess all work operations at the perimeter, outside the site and on site in relation to requirement for Temporary Traffic Management (TTM), If TTM is deemed to be required appropriate TTM to be employed by trained personnel Assess all work operations on site in relation to requirement for Temporary Traffic Management (TTM), If TTM is deemed to be required appropriate TTM to be employed by trained personnel - Wear the requisite P.P.E: High Visibility Clothing, Safety Boots etc. - Ensure weather conditions are suitable and there is good visibility, do not work during periods of low daylight - Take extra caution and remain vigilant when working near traffic routes and interactions adjacent to and crossing traffic flows - Remain conscious of your location in relation to the traffic, especially when operating equipment, pay particular attention when using mobile phones or photographic equipment				
	Collision with Live Traffic	Children					Centre Staff			
	Live Traffic Striking Pedestrian	Vulnerable Adults					Site Visitor			
	Live Traffic Striking Equipment	Centre Staff	3	5	15		Contractor Operatives	2	5	10
	Risk of Injury or Death	Site Visitor					Sub-Contractor Operatives			
		Contractor Operatives					Contractor			
		Sub-Contractor Operatives								



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Confined Space	Unauthorised person entering a confined space or an area that may affect a confined space	Centre User				- RAMS Shall identify all possible confined spaces, those identified shall be labelled, prominently in large lettering, Labelling shall clearly inform the following; Only trained and competent personnel are permitted to access a confined space - Where temporary confined spaces are formed for the course of the works or part thereof or where temporary access is created to a space that meets the definition of a confined space strict and effective access controls shall be put in place for the duration If you do not have appropriate confined space training DO NOT ENTER THE SPACE - Suitable Work Permits to be in place before entering a confined space - The space shall be checked for adequate ventilation before entering - The space shall be checked for adequate access and egress before entering - If unsure of available ventilation and access/egress DO NOT ENTER THE SPACE - During working hours, the temperature in all indoor workplaces must be reasonable. There's no law for minimum or maximum working temperatures, e.g. when it's too cold or too hot to work, However, guidance suggests a minimum of 16°C or 13°C if employees are doing physical work - No self-fuelled pumps, generators or other similar equipment is allowed in or around the confined space - Welding or other similar works requires adequate forced ventilation & permits	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	1	5	5
	Risk of suffocation/losing consciousness causing death or serious Injury	Children Vulnerable Adults								
	Risk of fire or explosion and fire causing death	Centre Staff Site Visitor	2	5	10					
	Risk of asphyxiation	Contractor Operatives								
	Risk of exposure to fumes /substance, suffocation causing serious injury or death	Sub-Contractor Operatives								
	Risk of drowning causing death									



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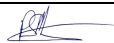
Location: Changing Halls 1 & 2 and Toilet of Phoenix Sports Centre **Upgrade Shower Facilities & Toilet** **Assessment Number:** C&E 26.002

Hazard	Risk	Risk Group	Likelihood	Severity	Risk Rating Before Control	CONTROL MEASURE <i>Note:</i> This design stage risk assessment is preliminary in nature, based on information and context at design stage. All risks must be fully reassessed at construction stage and hand over stage, by contractor and management, respectively with corresponding re-evaluation of control measures. Assessment is limited to the immediate works area. <i>Note:</i> Risk Rating After Control only applies after the control measure has been implemented.	Responsible Person/s	Likelihood	Severity	Risk Rating After Control
Asbestos	Severe Health conditions associated with asbestos	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	3	5	15	- Asbestos products and equipment containing asbestos is highly likely to be found in buildings older than 1999, Assume there is asbestos in these slightly older buildings - However, it is not impossible that asbestos products or equipment containing asbestos may have been incorporated in more modern buildings, Do not assume that there is no asbestos in more modern or new buildings - Be aware that there may be asbestos containing products located in the building - Do not interfere with, scrape, score, sand, brush, cut, drill or break suspected asbestos products - If unsure cease activity in the vicinity and report to client representative - Asbestos products will need specialist contractors to deal with it safely	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	1	5	5
Access and Egress	Slips Trips and/or Falls Cuts and Grazes Entrapment Panic Attack Lack of Effective Escape Route in Case of Emergency	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	2	3	6	- Ensure a safe means of access and egress to the work locations is provided, Lone Working is not permitted in an area where exit routes are limited - Wear the appropriate PPE where required, i.e. safety footwear, high visibility clothing - Ensure work platforms are built correctly - Ensure all ladders are adequately secured and extend a minimum of 1m above the working platform - Maintain 3 point of contact with the ladder when in use. Ladders are only for light duty tasks - Keep access routes clear of rubbish, large rubble and stone to prevent ankle injuries	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	1	3	3



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Assessed by: Seamus Morris **Signature:**  **Date Conducted:** 10/08/2026

Location: Changing Halls 1 & 2 and Toilet of Phoenix Sports Centre **Upgrade Shower Facilities & Toilet** **Assessment Number:** C&E 26.002

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Working at Heights	Injury from falling from height or falling items. Fall from height through open holes and from elevated platforms, grids, walkways, bridges etc.	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	3	5	15	- Eliminate Working at Height where practicable by another suitable method or equipment - Ladders should only be used for short duration works - Always check the ladder for defects prior to use. Remove defective equipment from use until remedial works have been carried out and mark as "do not use" - When using a ladder, three points of contact must be always maintained, and it must be secured and set up on firm level ground - When using a scaffold / platform – Only Competent CSCS trained operatives should assemble and use scaffolds - Suitable personal protective equipment to be worn, e.g. safety boots/shoes, gloves, etc. - All openings must be suitable guarded as soon as they are created. - Workers / Signage in place to guide pedestrians - Safe Working Procedure to comply with SHWW (General Application) Working at Height Regulations 2007 to prevent fall from height. - Appropriate risk assessment to be carried out - Appropriate fall protection controls to be employed during the works. - All grating / grid platforms and walkways must be checked to ensure they are secure and stable - Ensure additional temporary loadings that may be applied, during the works, are within the safe loading parameters of platforms / grid flooring / walkways / steel covers - Where platforms, Walkways etc. are protected by railings, operatives must remain completely within the railings. If the works require operatives to reach beyond the railings, the operation must be risk assessed and appropriate control measures implemented	Contractor Contractor Operatives Sub-Contractor Operatives Centre Staff	2	5	10

Assessed by: Seamus Morris

Signature: 

Date Conducted: 10/08/2026

Location: Changing Halls 1 & 2 and Toilet of Phoenix Sports Centre

Upgrade Shower Facilities & Toilet

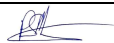
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Hand Tools Portable Tools Vibrating Tools Equipment	Sharp Edges / Cuts / Stabs	Centre User Children Vulnerable Adults	4	4	16	- Implement and adhere to SOP for Hand and Power Tool Safety Procedure - Ensure specific operation is undertaken with appropriate equipment and in safe manner - Wear suitable PPE. E.g. Gloves, mask, goggles etc. as per risk assessment and MSDS - Appropriate Gloves to be worn when using hand tools and sharp implements - Only trained and authorised personnel may use Power Tools - Exposure time to be monitored to reduce the risk of white finger vibration - When using tools that produce heat, fire blankets and fire extinguishers to be available at hand - Suitable hearing protection must be worn, and tool used for the shortest time possible - Goggles to be worn when cutting, grinding or drillings - Dust masks to be worn when drilling to reduce exposure to dust - Ensure good housekeeping and do not leave tools lying around creating trip hazard	Contractor Operatives	2	4	8
	Impact Injuries						Sub-Contractor Operatives			
	Electrocution						Contractor			
	Failure in Machinery									
	Contact with moving parts causing physical injuries									
	Grazes									
	Flying material / debris									
	Dust									
	Lung Disorders due to dust inhalation									
	Eye Injuries									
Hearing Damage										
Vibration White Finger										



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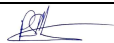
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Con Saw / Abrasive Wheels	Sharp Edges / Cuts / Stabs					- Implement and adhere to SOP for Con Saws and Abrasive Wheels - Only trained and authorised personnel may use Con Saws and Abrasive Wheels - Before use, a visual check should be carried out - Only wheels of the correct type to be fitted to the abrasive wheel - Expiry date on abrasive wheel to be checked prior to use - Wheel guards to be secured in position and properly adjusted before the wheel is run - Works area to be kept clear of obstacles - Wheels to be allowed to run down and stop of their own accord. - Ensured controlled working environment - All users to wear the correct PPE, eye protection, respiratory protection, ear protection, gloves etc. as per risk assessment and MSDS - Ensure clothing is not loose to cause the risk of entanglement etc. - Machine Maintenance and regular inspections of machinery - Only a trained and appropriately nominated person can change wheels - Planned use of machinery and working environment - Exposure time to be monitored to reduce the risk of white finger vibration - When using tools that produce heat, fire blankets and fire extinguishers to be available at hand - Ensure good housekeeping and do not leave tools lying around creating trip hazard	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	4	8
	Impact Injuries									
	Electrocution									
	Failure in Machinery	Centre User								
	Shattered Wheel	Children								
	Contact with moving parts causing physical injuries	Vulnerable Adults								
	Grazes	Centre Staff	4	4	16					
	Flying material / debris	Site Visitor								
	Dust	Contractor Operatives								
	Lung Disorders due to dust inhalation									
	Eye Injuries	Sub-Contractor Operatives								
	Hearing Damage									
	Vibration White Finger									



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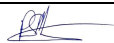
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Adverse weather conditions	Falls from height Risk of items falling onto persons or equipment	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	4	5	20	- High winds and ice can create additional risk to person working at heights, a site-specific risk assessment should be conducted if any doubt is in question regarding working in adverse weather conditions - In anticipation of such weather, loose materials to be tied down or removed, to prevent them from blowing or falling - All platforms, ladders etc, must be checked by a competent person after high winds - It is always an option to cease work until weather conditions improve	Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	5	10
Other Adjacent Activities	Risk of Injury to persons due to crossover of activities, equipment or personnel	Centre User Children Vulnerable Adults Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives	3	5	15	- Daily briefings of site activities with centre staff and management - Coordination of activities with centre staff & management, other contractors and personnel - Risk assessment of works viz-a-viz adjacent activities	Centre User Centre Staff Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	1	5	5



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Unknown Services		Centre User				- Services will be identified at the design stage of works and clearly identified and planned into works. Services will be marked out before work starts. - All services found by scanning or by drawings are to be marked out appropriately with spray paint. - Overhead services will be identified, and adequate signage provided and use of goal post will be put in place where required. - Where required services will be diverted and/or fully switched off before work can proceed safely. - A permit to work system will be used where necessary. - Smoking or flames are not permitted in the area where work on or close to gas lines is in progress. - Trained competent personnel only to carry out work with electricity or gas - Only safe electric registered contractors may carry out works to electrical systems - In the event of a utility strike evacuate the area and contact the relevant utility company and report the incident to line manager - Isolate power by lockout/Tagout system - Barriers and warning signs to be installed around electrical appliances under repair - Site Specific Risk Assessment and Operating Procedures required for each individual operation involving electricity and gas. Assessments and operating procedures should incorporate some or all the following control measures: - A safe system of work for avoiding the dangers from utility services should be in place prior to work commencing and should incorporate the following elements: - Planning of work - Detecting, identifying and marking services.	Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	5	10
Electricity, Underground and Overhead	Electric Shock	Children								
Gas	Burns	Vulnerable Adults								
Water	Electrocution or fire	Centre Staff	3	5	15					
Tele-communications	Overcome by fumes	Site Visitor								
Storm Drains	Risk of fire or explosion due to presence of gas	Contractor Operatives								
Sewers		Sub-Contractor Operatives.								



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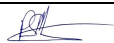
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Unknown Services Electricity, Underground and Overhead Gas Water Tele-communications Storm Drains Sewers (Continued)						- A safe system of work for avoiding the dangers from utility services should be in place prior to work commencing and should incorporate the following elements: - Planning of work - Detecting, identifying and marking services - Obtain up to date service drawings and maps from the utility providers, of all potentially hazardous underground services, to consider the risks posed by the services before work commences - If necessary, providers of the relevant underground services should be consulted and met on site prior to work commencing - The Location of underground services, CSCS card holder should use a locating device (Cat and Genny) in conjunction with any available utility plans/drawings to scan all excavation areas for services to determine as accurately as possible the position of any services in or near the proposed works area - All services found by scanning, or by drawings, should be marked out with spray paint and beyond the area where the breaking of ground is to take place - Banksman to be available where required - Hand digging to be carried out to expose underground services - Ensure socket outlets are not overloaded using adaptors - Ensure that equipment is safe when supplied and then maintain it in a safe condition - Provide an accessible and clearly identified switch near each fixed machine to cut off power in an emergency - For portable equipment, use socket-outlets which are close by so that equipment can be easily disconnected in an emergency - Hand-held power tools are the main source of danger to personnel, and they should not be used too close to underground services				
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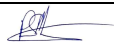
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Unknown Services Electricity, Underground and Overhead Gas Water Tele-communications Storm Drains Sewers (Continued)						- Overhead services should also be identified using the service utility drawings and visual inspection of the site - MEWP not to be working under or near overhead power lines - Overhead services will be identified, and adequate signage provided and use of goal post will be put in place where required - If Part of the proposed works will involve work that takes place in Hazard Zones of Overhead Electric Lines. Before any works commence consult with ESB Networks to determine the voltage of the lines and an appropriate Exclusion Zone established				



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Working with Mobile Elevated Work Platform (MEWP)	Falls from height Risk of items falling onto persons or equipment Loss of control Striking overhead power lines	Centre User	4	5	20	- Selection of MEWP to be based on the work to be conducted and suitability of the working area, ground surfaces and topography - Manufacturer's safe working guideline must be strictly adhered to - Only competent and trained persons may use or work on an MEWP - Safety harness will be used by person working on an MEWP - Safe exclusion zone will be set up - MEWP not to be working under or near overhead power lines - Overhead services will be identified, and adequate signage provided and use of goal post will be put in place where required - If Part of the proposed works will involve work that takes place in Hazard Zones of Overhead Electric Lines. Before any works commence consult with ESB Networks to determine the voltage of the lines and an appropriate Exclusion Zone established	Site Visitor Contractor Operatives Sub-Contractor Operatives Contractor	2	5	10
		Children								
		Vulnerable Adults								
		Centre Staff								
		Site Visitor								
		Contractor Operatives								
		Sub-Contractor Operatives.								