

Environmental and Quality Requirements for Supply Chain Partners

SP29-01 SHEQ Requirements for Subcontractors Rev 6 November 2024 Partners

# Contents

|   | 1  |
|---|----|
| 1.1 Introduction                                      | 4  |
| 1.2 Risk Assessment and Method Statements             | 4  |
| 1.3 Project Meetings                                  | 4  |
| 1.4 Site Induction                                    | 4  |
| 1.5 Competency and Training                           | 5  |
| 1.6 Supervision                                       | 8  |
| 1.7 Welfare and Housekeeping                          | 9  |
| 1.8 Accidents and Incidents                           | 10 |
| 1.9 Fire and Emergency Planning                       |    |
| 1.10 Hot Works and Use of Gases                       | 11 |
| 1.11 Health, Safety and Welfare Monitoring and Review |    |
| 1.12 Temporary Works                                  | 13 |
| 1.13 Mobile Phones and Portable Music Players         | 13 |
| 1.14 Smoking  | 13 |
| 1.15 Lone Working                                     | 13 |
| 1.16 Deliveries                                       | 14 |
| 1.17 Permits  |    |
| 1.18 Health and Safety File                           | 15 |
| 2. Health and Hygiene                                 | 16 |
| 2.1 Occupational Health                               |    |
| 2.2 Asbestos  |    |
| 2.3 Control Of Substances Hazardous to Health         |    |
| 2.4 Drugs and Alcohol                                 |    |
| 2.5 First Aid   |    |
| 2.6 Manual Handling                                   |    |
| 2.7 Personal Protective Equipment                     |    |
| 2.8 Vibration/Noise                                   |    |
| 2.9 Working at Height                                 |    |
| 2.10 Mobile elevating work platforms                  |    |
| 2.11 Mobile Access Towers and Low Level Podium steps  | 20 |
| 2.12 Step ladders                                     |    |
| 2.13 Edge Protection                                  |    |
| 2.14 Scaffolding                                      |    |
| 2.15 Safety Nets                                      |    |
| 2.16 Falls from Vehicles                              |    |
| 2.17 Tool Tethering                                   |    |
| 2.18 Plant and Machinery                              |    |
| 2.19 Electrical Equipment and Supplies                |    |
| 2.20 Impact Fixing Equipment                          |    |
| 2.21 Mobile Plant                                     |    |
| 2.22 Excavators and Quick Hitches                     |    |
| 2.23 Lifting Equipment & Operations                   |    |
| 2.24 Telehandlers and Forklifts                       | 28 |

| 3. Trade Specific Requirements         | 29 |
|--|----|
| 3.1 Asbestos Removal                   | 29 |
| 3.2 Demolition                         | 29 |
| 3.3. Groundworks                       | 30 |
| 3.4 Piling Operations                  | 32 |
| 3.5 Roofing and Cladding               | 32 |
| 3.6 Structural Steel Erection          |    |
| 3.7 Installation of Metal Decking      | 34 |
| 3.8 Welding Works                      |    |
| 3.9 Environmental                      |    |
| 3.10 Pollution and Nuisance Prevention | 35 |
| 3.11 Waste Management and Recycling    | 36 |
| 3.12 Quality Management                |    |
| 4. Factory Operations                  |    |
| • •                                    |    |

### 1.1 Introduction

We all must be diligent in taking care for the health, safety and wellbeing of ourselves, colleagues and anyone who may be affected by our actions. We all have an individual responsibility to challenge unsafe practices, report unsafe conditions and comply with all health, safety & environmental requirements.

All subcontractors working for and on behalf of The McAvoy Group must adhere to the requirements of this document, the site-specific Construction Phase HS Plans, site rules and all relevant legislation and standards.

#### Pre-Qualification

All subcontractors must demonstrate their health, safety, environmental and quality competencies through our pre-qualification process this is completed via the Online Portal Builders Profile. Only once the key competencies have been established, reviewed and approved will the subcontractor be deemed an approved supply chain member.

### 1.2 Risk Assessment and Method Statements

A Risk assessment and method statement must be in place before any work begins.

All Risk Assessment Method Statements (RAMs) must be submitted through the 1breadcrumbs software for review and approval by McAvoy.

No work shall commence without the approved RAM documentation.

All personnel attending the site are required to digitally sign in and out using 1breadcrumbs QR codes, which are available at the site office. Subcontractors with approved RAMs will be prompted to review and accept relevant approved RAMS.

# 1.3 Project Meetings

All subcontractors are required to attend regular meetings. The following are the core meetings where the subcontractor must attend:

- Pre-start
- Monthly SHEQ
- Monthly progress
- Daily coordination

### 1.4 Site Induction

McAvoy has implemented 1Breadcrumb software to make supplier onboarding and data capture more efficient and streamlined.

Prior to attending site, subcontractor personnel shall complete:

- Digital Inductions: All subcontractors and their personnel are required to complete digital inductions through the 1breadcrumbs platform prior to attending the site.
- Access to the site will not be permitted without the completion of these inductions.

Link to digital induction will be issued at Pre-Start / Pre-Appointment meeting and the onus
is on the subcontractor to ensure this link is distributed and completed by all personnel
prior to attending site.

On site, subcontractor personnel shall complete:

- Site Attendance: All personnel attending the site are required to digitally sign in and out using 1breadcrumbs QR codes, which are available at the site office. Failure to comply may result in restricted access or other penalties as deemed appropriate.
- Subcontractors will be asked to accept relevant approved RAMS when signing in.

# 1.5 Competency and Training

Managers, supervisors and personnel confirm that they have received appropriate safety training to enable them to carry out their tasks and evidence must be provided when requested.

All operatives and supervisors must be in possession of a current and relevant CSR, CSCS, FAS CSCS/ Safepass card or equivalent card relevant to their appropriate skill or trade.

Subcontractors are required to ensure that their employees attend a regular programme of Toolbox Talks on site. Toolbox Talks will be completed in person on site or issued digitally via 1Breadcrumbs software as part of the site communication process. Subcontracts are responsible for regularly reviewing and responding to all site communications issued through 1Breadcrumbs. This includes compliance with any instructions, safety updates, and project requirements.

Table 1 below is the list of accepted competency and training schemes accepted by the McAvoy Group

Table 1

| Activity            | Acceptable Minimum Training Requirements  |
|---------------------|---|
| All activities      | All personnel on site must have attended the one day CSR/Safe Pass or CSCS Qualification  |
| Asbestos<br>Removal | Everyone working on or influencing work on refurbishment/demolition projects or where there is a foreseeable risk of encountering asbestos must have received UKATA or IATP asbestos awareness training undertaken within the previous 12 months.  The use of on-line (e-learning) is ideally suited to meet the requirement of annual refresher training in the 2nd year when supported by face to face initial training and subsequent face to face training every other year. Asbestos |
|                     | removal. Companies must be a current member of the Asbestos Removal Contractor Association  |
| Banksman            | Anyone directing mobile plant or vehicles on site must have received formal training in safe marshalling of vehicle   |

| Demolition  Supervision            | Demolition Contractors must be a current member of the National Federation of Demolition Contractors (NFDC). Evidence of membership, competency and adequacy of resources must be provided to The Company prior to placing an order. The Demolition Supervisor will be in attendance when work is carried out. The Demolition Supervisor must hold a Gold Card Demolition Supervisor (CCDO) qualification in addition to other mandatory supervision competencies (such as Site Managers Safety Training Scheme)  All subcontractors must have adequate supervision in place on McAvoy Sites |  |  |                              |
|------------------------------------|--|--|--|------------------------------|
|                                    | as per table below  Low Risk Trades  | Up to 4                                  | Up to 15                                 | Up to 30 2 X                 |
|                                    | Mastic/soft flooring/painting and decorating, cleaning, fire protection  | SSSTS                                    | SSSTS                                    | SSSTS                        |
|                                    | Medium Risk trades  Enabling works/brickwork/general carpentry and joinery, plastering, drylining, roof finishers, façade works, hard flooring, hard landscaping. Window Install, Mechanical and Electrical  | 1<br>SSSTS                               | 1<br>SSSTS<br>Plus,<br>visiting<br>SMSTS | 1 X<br>SMSTS<br>and<br>SSSTS |
|                                    | High Risk Trades  Ground remediation/Demolition, Piling, Ground working, Roof works, Scaffolding, steel erection,  | 1<br>SSSTS<br>Plus,<br>visiting<br>SMSTS | 1 X<br>SMSTS                             | 1<br>SMSTS<br>and 1<br>SSSTS |
|                                    | Company Accepted Equivalent to SMSTS  - NEBOSH Construction Certificate  - IOSH Managing Safely  - CISRS Management and Supervisory Card  - CCDO Demolition Managers Course  Company Accepted Equivalent to SSSTS  - IOSH Supervising Sagely  - FPS Piling Specialists Supervisor Training  - CCO Demolition Supervisor  - CSR Site Safety Supervisors Course  |  |  |                              |
| Crane<br>Operations<br>Planning    | Appointed Person - Competent and holds a valid Appointed Person qualification  | d CPCS                                   | or NPOR                                  | S(CSCS)                      |
| Crane<br>Operations<br>Supervision | Crane/Lift Supervisor - Competent and holds a valid CPCS or NPORS(CSCS) Crane/Lift Supervisor.   |  |  |                              |
| Crane<br>Operations<br>On site     | Slinger / Signaller - Competent and holds a valid CPCS or NPORS(CSCS) Slinger/Signaller qualification  |  |  |                              |

|   | 0   |  |
|---|---|--|
|   | Competent and holds a valid CPCS or NPORS(CSCS) qualification for the type of equipment   |  |
| Manual<br>Handling                          | All operatives working on behalf of McAvoy Group must have received appropriate manual handling training  |  |
| Face Fit<br>Testing                         | All operatives required to use Tight Fitting Respiratory Protection are required to have Face Fit Testing   |  |
| Abrasive<br>Wheels                          | All operatives using Abrasive Wheels must have received formal abrasive wheels training   |  |
| Use of Mobile<br>Plant                      | All operatives of mobile plant must have a blue card CPCS/CSCS card relevan to the plant they wish to operative.  |  |
|   | The company will also accept - NPORS - ITSAAR/TOPS (FOR MEWPS ONLY) In house training certificates will not be accepted   |  |
| Use of Mobile<br>Elevated Work<br>Platforms | All MEWP operatives must have a IPAF or CPCS training   |  |
| Use of Mobile<br>Tower<br>Scaffolding       | Anyone wishing to erect/dismantle or alter mobile tower scaffolding must hold PASMA training  |  |
| Erection of safety netting                  | Safety netting installation must be carried out by a holder of the CSCS / FASET Safety Net Rigger Card.   |  |
| Use of Harness<br>and Lanyards              | All operatives using harness and lanyards must have formal training in their use and inspection.  |  |
| Scaffolding                                 | Scaffolding contractors must be a member of NASC. Any person who erects or dismantles a scaffold must hold a current and valid CISRS qualification, relevant to the type of scaffold being erected or dismantled, certificated to the Construction Industry Scaffolder's Record Scheme. |  |
|   | Erecting, altering or dismantling scaffolds must be carried out in compliance with the National Access & Scaffolding Confederation Guidance Note SG4  |  |
|   | A person who has passed a CISRS Basic Scaffold Inspection Course is deemed competent to inspect basic scaffold structures, as defined in NASC document TG20.  |  |
|   | All other complex scaffold structures must be inspected by one of the following:  |  |
|   | <ul> <li>An Advanced Scaffolder who was not involved in erection of the structure</li> <li>A person who has passed a CISRS Advanced Scaffold Inspection course</li> </ul>   |  |

|   | · A temporary works designer or scaffold designer   |
|---|---|
| Streetworks                                 | A NRSWA qualified street works supervisor must be in place when working roads and highways                                |
| Confined<br>Spaces                          | All team members must hold an accredited Confined Space qualifications applicable to the risk category they are entering, |
| Detection of<br>Underground<br>Services     | All persons tasked with carrying out a CAT and Genny survey must hold relevant training in the survey equipment.          |
| Use of Impact<br>Fixing Tools<br>(Nail Gun) | Operatives wishing to use Impact Fixing Tools must have received relevant training in their use.                          |

# 1.6 Supervision

Subcontractors must provide full-time supervision (qualified to Site Safety Supervisor / SMSTS, SSSTS standards and / or trade specific supervisory qualification) on all projects and are to be available at all times on site. The number of supervisors is subject to the level of risk and the number of operatives on site. See table 2 below

All 'non-English speaking' personnel must be able to receive English spoken site communications and instructions. This will require the subcontractor to provide adequate competent supervision levels (on a 1:5 ratio) who can translate communications and instructions into and from the relevant language(s) of the subcontractor's workforce.

### Supervisors are required to be:

- 1) Easily identifiable
- 2) Undertake inductions ensuring the competence of their operatives.
- 3) Attend daily site "whiteboard meetings"
- 4) Attend meetings at the request of The McAvoy Group
- 5) Promote a positive safety culture attitude and behaviour in the workforce by embracing the principles of fairness, inclusion and respect, stopping any unsafe acts or challenging unsafe conditions.
- 6) Organise work to be carried out in accordance with relevant Risk Assessments and Method Statements (RAMS) and Quality Control procedures e.g., drawings, specifications, inspection and test plans.
- 7) Continuously check the works to ensure compliance and where appropriate, record findings.

- 8) Monitor personnel under their control to ensure they comply with their individual responsibilities in SHEQ matters. Identify any SHEQ training requirements they may require and advise appropriate management accordingly.
- 9) Formally record Safety, Health & Environmental positive and negative observations through the use of the McAvoy ONOS System.
- 10) Where appropriate, assess and implement any additional SHEQ controls required to address the needs of new employees, young persons, those with language barriers and inexperienced personnel.
- 11) Ensure that all relevant personnel are involved in SHE Risk Assessments prior to any work activity commencing. Monitor RAMS to ensure they accurately reflect the current SHE hazards present.
- 12) Ensure that any required changes to your works are agreed in advance with the McAvoy Group project management team.
- 13) Ensure control measures are implemented and that method statements are available and clearly understood.
- 14) Give personnel under their control, including subcontractors, clear instructions on the safe methods of work. Establish effective arrangements for two-way communication. Understand the importance of daily briefings. Where appropriate, deliver toolbox talks to the work teams to ensure that all SHEQ instruction, guidance and the importance of identifying and controlling site hazards/risks are clearly understood.
- 15) Ensure that accidents, incidents and near misses are reported immediately to the relevant manager.
- 16) Ensure that mandatory and supplementary personal protective clothing and equipment is used where identified within RAMS and is properly maintained and stored.
- 17) Ensure that plant and equipment supplied is appropriate for the work with the necessary certification.
- 18) Ensure that plant and equipment is immediately put out of use if unsafe or presents a potential threat to the environment.
- 19) Comply with all requests relating to health safety and welfare and will make available all relevant daily / weekly / other inspection and test records when requested to do so.
- 20) Ensure that only competent and authorised persons operate plant and equipment.
- 21) Ensure that unattended plant, materials and premises are left in a condition that does not present a risk to persons or the environment.
- 22) Ensure the highest standards of housekeeping are implemented and maintained.
- 23) Ensure that the disciplinary process for breaches of SHEQ procedures and rules is applied where necessary.
- 24) Plan, liaise and coordinate with McAvoy Group Management as well as other subsubcontractors to ensure works are carried out in a safe sequence

# 1.7 Welfare and Housekeeping

Site personnel will be advised of all welfare facilities provided for their use. These are not to be abused and subcontractors should assist in keeping facilities clean and tidy, out of courtesy to other users. Where welfare facilities are shared with a client you must observe all site requirements relating to behaviour, dress and use of the facilities.

All debris must be removed from site daily. Where specific decontamination or other specialist facilities are required, these should normally form part of the contractor's facilities.

Each subcontractor should ensure a good standard of housekeeping is always maintained. Materials should be stored in an orderly manner and all areas should remain clear of unnecessary obstacles and materials. Regular checks will be carried out by the project management team to ensure housekeeping standards are satisfactory.

Each subcontractor is responsible for the segregation and removal of their waste. Failure to comply with our waste management plan will result in immediate rectification and suspension from the project until the situation is remedied.

If The McAvoy Group have cause to undertake housekeeping or waste management functions on behalf of a subcontractor, resulting costs will be the responsibility of the relevant subcontractor.

Any concerns or difficulties relating to welfare facilities and housekeeping should be reported immediately to the project management team.

## 1.8 Accidents and Incidents

All onsite incidents with potential or actual injury on site, however minor, must be reported as soon as possible to the site management team.

This includes accidents, safety observations, near miss, environmental incident or minor / first aid injury including 'no lost time' events.

All subcontractor accidents/incidents and near misses must be investigated, a copy of the investigation report is to be issued to McAvoy Group at the earliest opportunity.

The aim of such reports and investigations is to establish what happened and enable McAvoy Group to identify where improvements can be made to prevent reoccurrence.

We consider all 'near misses' as learning opportunities to prevent similar future occurrences.

We have a legal duty to report certain injuries and dangerous occurrences to Enforcing Authorities (i.e., the HSE, HSENI or HSA). In the event that a contractor is required to report such an accident or incident that has happened on one of our sites, then completed accident records, investigation reports and associated enforcing authority notifications generated by the subcontractor must be provided to the project management team or The McAvoy Group SHEQ Department.

# 1.9 Fire and Emergency Planning

Site specific emergency arrangements will be included in site inductions and information displayed on site noticeboards. All subcontractors must inform The McAvoy Group of any foreseeable risks and possible emergencies that may arise from their activities.

Subcontractors are required to assist to formulate site specific emergency procedures and ensure their employees are informed and trained to deal with such emergencies should they occur. Subcontractors' own site offices, canteens and storage units shall have appropriate firefighting equipment and means of raising the alarm in the event of an emergency.

All flammable substances, including compressed gases, paints, solvents etc. shall be stored in approved, secure lockable cages, cabinets or compounds. Storage containing highly flammable materials must be constructed of materials with a 60-minute fire rating. Appropriately worded warning signs e.g., "Highly Flammable Liquids" must be displayed at entrances to stores. Stores must be vented to the outside and have sufficient and appropriate fire extinguishers located nearby.

Internal combustion engines must not be stored or used in site accommodation (offices, canteens, drying rooms etc.) or in areas defined as confined spaces. All internal combustion engines used on site must be vented to open air.

To reduce the risk of fire the following is prohibited:

- Storage of fuel in plastic containers;
- Jubilee clips for connecting flexible gas supply hoses;
- Storage of gas and flammable liquids inside, under and on buildings;
- Smoking except in designated areas;
- The use of compressed gas welding equipment without flash back arrestors;
- Storage of additional or unnecessary cylinders (including empty) at the workplace;
- The use of LPG as a fuel at an office or welfare facility;
- Combustible liquids (petrol/diesel etc.) or gas cylinders stored within 6m of a hot work operation

### 1.10 Hot Works and Use of Gases

Avoid the use of acetylene as far as possible. Where acetylene must be used, the site manager must be informed, and the appropriate arrangements will be made including control of works under a permit system.

All gas cylinders are to be stored upright in secure lockable proprietary cages at designated areas when not in use. All gas cylinders bottles must be transported on vertical wheeled trolleys secured with a chain or certified gas cage. When carrying out any hot works activities the subcontractor must obtain a hot works permit and have it displayed in the area where the work is being carried out or on their person. The control measures identified on the permit must be implemented in full by the subcontractor, this includes providing any additional equipment or personnel to carry out the works safely (e.g., fire extinguisher or fire warden etc).

# 1.11 Health, Safety and Welfare Monitoring and Review

As Principal Contractor, The McAvoy Group will coordinate and monitor the overall works and interface between Subcontractors and others. Project management teams may carry out formal safety inspections in addition to their day-to-day supervision.

This will normally be supplemented by periodic SHEQ inspections by our SHEQ Department.

Subcontractors are encouraged and expected to complete their own formal health and safety inspections. When these take place on our sites, inspection reports should be copied to the McAvoy Group project management team for information.

Other independent audits may be undertaken by our clients, their agents or representatives from the Considerate Constructors Scheme and other third-party auditing organisations.

Any visit or intervention by an official Agency e.g., HSENI, HSE, HSA, Environment Agency / SEPA, EHO, Petroleum Officer, Fire Officer etc. must be reported immediately to the McAvoy Group project management team. Please co-operate with all visits and comply with any requests for remedial action.

Subcontractors are required to demonstrate maintenance of discipline among their workforce including their own arrangements for dealing with failures to comply with health and safety rules and measures to promote health, safety and environmental good practice.

The McAvoy Group operate a HS Breach system (1st, 2nd,3rd or straight to 3 strikes)

A HS Breach will be issued to an individual who has contravened health and safety rules.

Issue of a breach may require that individual and their supervisor to undertake a site reinduction as minimum remedial action.

The individual's employer may also be required to deliver Toolbox Talks to their entire team.

The employer will be required to inform The McAvoy Group of their disciplinary and remedial actions, these may be in addition to those specified by The McAvoy Group.

Examples of behaviours that will warrant a 'warning'

- Failure to follow an instructed safe system of work.
- Failure to follow a risk assessment or related method statement.
- Climbing up / down the outside of scaffolding.
- Working at height without edge protection in place and after instruction not to do so. No other fall protection systems in place.
- Working in an area outside the established edge protection system in which the conditions are such that the risk of fall is very high.
- Working underneath overhead electrical cables without precautions
- Standing on guard rails or other edge protection, such as those on an MEWP when working at height.
- Working in the vicinity of/or disposing of asbestos material without adequate precautions being in place.
- Working in a confined space without necessary precautions in place.
- Operation of unguarded or unprotected plant and equipment where there is a risk of entanglement, entrapment, or other serious injury.
- Site personnel not wearing appropriate PPE whilst working in an area where there is significant risk of injury to that person.
- Driving dumper, ride-on roller, or similar, without wearing seatbelt.
- Use of visibly defective, or unsuitable lifting tackle.
- Use of visibly defective power tool including absence of electrical portable appliance test certificate, or using 240 Volt supply without the agreement of the Site Manager and Health and Safety Department
- Unsafe use of electricity including damaged cabling, defective installation, overloading of circuits, absence of circuit breakers or hazardous temporary supplies.
- Undertaking road works without suitable and sufficient traffic management arrangements in place.
- Working in the vicinity of underground services without precautions or due care and attention, as specified in MS/RA.
- Operative standing on top step of step ladder.
- Unsafe use of mobile plant, e.g., recklessness, speed, no safety pin in quick hitch (including retaining clip), carrying unauthorised passengers.
- Knowingly using defective plant, e.g., lack of warning devices, faulty brakes.
- Operatives working in an excavation outside a trench box or having insufficient access and egress.
- 'Bombing' or throwing materials or waste from high level to the ground endangering employees, subcontractors, or members of the public.

- Disregard of necessary fire precautions when in the vicinity of flammable materials.
- Use of mobile phone when operating mobile plant.
- Knowingly using a defective or improperly secured ladder.
- Not in possession of a permit to work as required by the site rules

The McAvoy Group Observation reporting system aims to improve the level of safety observation and reporting on sites. We want to know about unsafe behaviours, environments and near misses and good practice to assist us in preventing accidents and incidents on our sites, all subcontractors are encouraged to report these to the Project Management Team directly or via the ONOS QR Code system.

# 1.12 Temporary Works

Subcontractors must comply with the project management team's temporary works arrangements. Temporary works means all works required for the execution, completion, maintenance and/or demolition of permanent works and will normally be removed from the site upon project completion.

Where you are required to erect, install or use temporary works they must be subject to appropriate supporting design information, calculations and independent checks by suitably qualified and experienced engineers. As appropriate you or your representative may be required to fulfil the role of 'Temporary Works Supervisor,' evidence of competence to fulfil this role must be provided.

In all instances we ask that Subcontractors liaise with the Project manager and / or The McAvoy Group appointed 'Temporary Works Coordinator' before undertaking work that may affect the integrity of existing temporary works, e.g., unauthorised alterations to mesh fencing, internal screens, external hoarding panel, props etc.

# 1.13 Mobile Phones and Portable Music Players

The use of a mobile phone whilst driving or operating plant is prohibited at all times.

Each site will operate restrictions on areas where it is safe to use mobile phones. These will be explained at site induction and the designated phone usage areas will be clearly indicated on site. We ask that all person's limit phone calls and texts to work use only as far as possible.

Users of camera phones are permitted to use their phones outside designated mobile phone areas only for the purpose of using the camera function and only for permitted work purposes. Photographs or videos taken on The McAvoy Group sites must not be posted on the internet or social media without prior written permission. For safety reasons, the use of MP3 players, iPods, Radios or similar devices within working areas on all The McAvoy Group projects is prohibited.

# 1.14 Smoking

Smoking or vaping is not permitted inside any building. All The McAvoy Group sites are 'No Smoking/Vaping' apart from designated smoking/vaping areas.

# 1.15 Lone Working

Lone working must only be carried out following approval from The McAvoy Group Project Management and once other options for eliminating lone working have been explored and dismissed, or if having more than one person undertaking the work increases the risk to the health and safety of the individuals involved.

Lone working must not be permitted for the following activities:

- Working in a confined space
- Activities requiring someone dedicated to a rescue role
- Working at or near exposed electrical conductors
- Work at height (i.e., MEWP operation)
- Working in an excavation
- Working on live gas pipes

Other activities may exist that are considered too difficult or dangerous to be carried out by an unaccompanied worker. This must be determined by a risk assessment. Subcontractors must implement a safe system of work to monitor lone workers, as effective means of communication are essential. The contractor may be required to use a system already established on the project, if so, this will be detailed within the Construction Phase Plan.

The subcontractor supervisor must also check and verify that communication devices are working effectively prior to commencing each lone working activity.

All weekend or night-time working must be agreed by prior arrangement with The McAvoy Group Project Management. Specific safe systems of work must be in place and competent supervision shall be in attendance at all times during the work activity

### 1.16 Deliveries

Deliveries to and collections from sites must be planned in advance. The McAvoy Group will communicate site rules to the contractor in advance of all deliveries and collections. The contractor must ensure that this communication is passed onto their delivery drivers

A safe means of unloading must be established and agreed upon prior to dispatch. The contractor must ensure that the load is stable prior to loosening any restraining straps upon arrival at the loading are. Any unusual loads will only be unloaded when a safe system of work has been agreed between The McAvoy Group and the contractor.

As far as reasonably practicable any deliveries will be restricted to off peak times, local hazards (such as school opening and closing times) and any other client specific requirements. Where a supplier turns up outside of any expected/agreed delivery times they will be turned away unless they can be accommodated within the controls contained within the Traffic Management Plan.

Construction Logistics and Community Safety (CLOCS)

All UK HGVs (over 3.5 tonnes gross vehicle weight) must conform to the CLOCS Standard for construction logistics. They may be subject to inspection on arrival to the site and the result recorded. A copy of all compliant and non-compliant records will be issued to the vehicle driver, who must be advised to pass the information to the contractor.

#### 1.17 Permits

Subcontractors are required to comply with The McAvoy Group permit system requirements.

Permits to work should be requested by the subcontractor supervisor, in agreement, with McAvoy Site Management team during the daily white boarding meeting, for the following activities:

- Hot works and use of gases
- Roof access & working at height

- Use of Traditional a Frame ladders
- Confined spaces entry
- · Permit to Dig

Additionally, electrical and mechanical subcontractors will also be required to agree their lock-out / tag- out permits for work on energized systems with the project management team

Permits will be reviewed and approved by MCA before any work requiring a permit can commence.

Subcontractors must adhere to all instructions within Permits.

# 1.18 Health and Safety File

The McAvoy Group require all information relating to the Health & Safety File to be forwarded to McAvoy Group in reasonable time, and in any case, prior to contract completion. This information may take the form of O&M Manuals, CoSHH data, as built drawings etc. Payment to you may be withheld until this information is received.

# 2. Health and Hygiene

# 2.1 Occupational Health

If your employees are required to undergo health screening or health surveillance due to the nature of their work (including related substances they use or may be exposed to) this should be kept up to date. You may be asked to provide evidence of such surveillance.

All subcontractors must identify all occupational health hazards associated with their works and evaluate the risk posed. They must identify workers performing the tasks that require exposure monitoring and health surveillance and ensure that it is provided. Subcontractors shall ensure that their employees are fit for work and should notify the McAvoy Group project management team of any issues related to their employee's fitness that might impact on their ability to perform their work activities.

Subcontractors must ensure that relevant management of health information and associated documentation is available to The McAvoy Group upon request, for example. HAVS, Fitness for Task Certificate, evidence of appropriate health surveillance programme. Employee medical conditions should be declared at the site induction stage to ensure that these can be suitably managed. This includes medication taken for a health-related condition.

### 2.2 Asbestos

All asbestos containing materials (ACMs) should be identified by surveys; where the presence of ACMs is known (as a result of surveys and subsequent enquiries) these shall be made known at site inductions and will be labelled. Subcontractors are required to familiarise themselves with the contents of associated surveys where it is expected that their works could potentially interfere with these ACMs.

If at any time a material is encountered or disturbed which is suspected to contain asbestos, work must be immediately suspended and must be reported to a The McAvoy Group Project Management Team.

Only licensed asbestos subcontractors may carry out work with asbestos containing materials. Subcontractors must comply with the project / client procedures to ensure that no-one is subjected to any risk from working near or with asbestos.

### 2.3 Control Of Substances Hazardous to Health

Arrangements for the storage and use of hazardous substances must be agreed with the project management team prior to being delivered to the site.

Subcontractors are required to ensure that they always keep site storage of hazardous substances to a minimum. Thorough COSHH assessments must be carried out detailing arrangements for storage, dispensing, mixing, application, disposal and emergency precautions. Operatives working with hazardous substances must be suitably trained, provided with suitable PPE and informed regarding the content of the COSHH assessments which should always be available to them. Any substance which has Diisocyanites contained there in must only be used by trained personnel and evidence of training is to be provided.

Elimination of dust from the workplace must be considered by avoiding cutting or by substituting materials. Where this cannot be achieved, on-tool extraction by local exhaust ventilation or by use of water suppression systems in line with the manufactures recommendations are to be used.

Water can be used with some tasks to effectively damp down the dust. Most modern cut-off saws can be attached to a water supply. The water can come directly from the mains or a portable source such as a hand pressurised free-standing container. Other devices, such as masonry saw benches, can be selected that come with an in-built water reservoir.

Water suppression is not suitable for controlling all dust risks. It cannot be used with most electric tools, on wood or where the waste slurry would create a problem such as in an occupied building.

Extraction is an effective alternative; this sucks the dust away as it is being created and stores it until emptied. Extraction vacuum can also be used for general cleaning instead of dry sweeping. All dust is to be vacuumed with a vacuum attachment fitted to an H or M Class extraction unit. Brushes are not to be used for sweeping dust.

FFP3 dust masks must also be worn all operatives must be face fit tested

# 2.4 Drugs and Alcohol

The McAvoy Group prohibits people from working on its premises/sites if impaired by drugs and /or alcohol. No persons shall:

Report or try to report to work whilst impaired by alcohol or drugs (illegal or otherwise);

- Be in possession of alcohol or illegal drugs on sites / premises;
- Consume alcohol, illegal drugs or abuse substances when visiting or working on The McAvoy Group sites / premises;
- Attempt to sell, distribute or supply alcohol or drugs whilst on The McAvoy Group sites / premises.
- The McAvoy Group require that subcontractors make themselves available for random, post-accident/ incident or `with cause' drug and alcohol testing.
- Subcontractors are required to cooperate fully in this respect.

The McAvoy Group reserves the right to undertake random drug / alcohol testing on its sites and premises.

## 2.5 First Aid

First Aiders will be identified at the site induction on notice boards and by means of labelled PPE. If you undertake a high-risk process that requires specialist rescue or emergency medical equipment you may be required to ensure you have First Aider(s) trained in these requirements.

# 2.6 Manual Handling

Manual handling activities should be risk assessed to enable the necessary controls to be implemented. Mechanical handling equipment and aids should be provided and used wherever practicable in lieu of manual handling using bodily force. Where possible team lifting is encouraged to reduce the risk of injury.

Bagged products should normally be limited to < 25kg. Repetitively handled / laid products should normally be limited to <20kg. Highway kerbs and slabs should be handled and laid mechanically e.g., by use of a vacuum lifter.

# 2.7 Personal Protective Equipment

It is a requirement on The McAvoy Group projects that as a minimum all site personnel must wear:

- Hard hats that comply with the EN 397 standard
- Safety footwear with impact resistant toe caps and pierce resistant mid-sole protection to BS EN ISO20345: 2011.
- High visibility clothing with either Subcontractor name displayed, or The McAvoy Group name displayed
- Gloves that conform to EN388
- Standard eye protection to a minimum standard of BS EN 166F (low energy impact). Note for site operations safety glasses are not mandatory.

Safety glasses or goggles are to be worn for specific tasks where a risk assessment has deemed them necessary to wear.

Where operatives are potentially exposed to a radiation risk from welding or similar, the eye protection must conform to BS 1542. Where operatives are potentially exposed to high impact projectiles, eye protection conforming to BS EN 166/A (high energy impact) must be worn.

All safety harness and lanyards must have a unique identification number and a valid test certificate. They must be visually inspected by a competent person before first use, and every seven days thereafter.

Additionally, they must be tested every six months, or after being involved in the fall of a person or following any significant repair or alteration. The details and results of the inspections must be recorded on the harness register.

Note: Collective protective measures must be used as a priority over personal fall protection systems. Personal fall protection equipment is only to be used by competent persons who have successfully completed a recognised training course in the use and maintenance of such equipment.

Full body harnesses are to be issued for the personal use of individual operatives. Such equipment is not to be simply `shared around.' Operatives must ensure that they inspect their equipment before use and report defective equipment immediately to their line manager.

Before fully body harnesses are sanctioned or used, subcontractors must provide a work at height emergency rescue plan. Your employee(s) may also be required to wear additional personal protective equipment deemed necessary as a result of your own risk assessment findings e.g., hearing protection, dust masks and task specific eye protection / goggles. The provision of these items of personal protective equipment is your responsibility.

Should your employee(s) or those under your control arrive on site without appropriate PPE they will be instructed to leave the site and will not be granted access until they obtain the necessary item(s).

Note: All personnel on site should be appropriately dressed: individuals wearing shorts or vest tops will not be permitted on site.

## 2.8 Vibration/Noise

Individual subcontractors have the responsibility of ensuring that risks associated with noise and vibration to their employees have been adequately assessed and sufficient control measures and monitoring is put in place. This includes the provision of training for their employees

Where appropriate, The McAvoy Group will ensure that subcontractors have prepared an action plan that identifies what controls they have in place to minimise the risks of their employees to Noise, Hand Arm Vibration and Whole-Body vibration.

Tasks should be planned, and tools and equipment selected with a view to eliminating or reducing

As far as possible exposure to hand arm vibration or noise.

Evidence of health surveillance must be provided not only for employees likely to be exposed above the exposure action value but also for others whom the risk assessment identifies may be at risk, e.g., employees who are particularly sensitive to vibration.

Handheld tools should be assessed for levels of noise and vibration in use. Workers should be monitored to ensure any restrictions on trigger times or requirements for task rotation are observed.

Where hearing protection is provided to protect against noise, it must provide adequate attenuation. You must liaise with the project management team to establish and maintain hearing protection and /or exclusion zones as and when deemed necessary. You may be required to undertake background noise monitoring for certain noisy activities.

# 2.9 Working at Height

All work at height must be planned, managed and implemented using the safest and most appropriate equipment for working at height. Those using work at height equipment must be trained, competent and supervised by their employer.

The following is McAvoy Group preferred work at height equipment: -

- Mobile Elevated Work Platforms (inc. Push around Verticals)
- Podium Stepladders (Up to Max. 4 Tread)
- Telescopic Work Platforms
- Mobile Access Tower
- Podium steps

The following work at height equipment can only be used where a risk assessment has identified it is not reasonably practicable to use any of the equipment above. The use of the equipment

below will be subject to written approval from McAvoy Group Project Management team via permit to work

- Traditional A-Frame Stepladders
- Combination Ladders

# 2.10 Mobile elevating work platforms

Mobile elevating work platforms must only be operated by authorised and trained personnel (relevant IPAF Category). All equipment must be suitable and maintained and accompanied by a current 6 monthly thorough examination certificate.

MEWPs are permitted for use on The McAvoy Group sites where the following requirements can be met:

- The MEWP selected for use is appropriate for the task and the site conditions.
- A secondary guarding device (appropriate for the works) is fitted in addition to the primary guarding systems.
- A competent person makes or approved the selection.
- Specific risk assessments, method statements and rescue plan are in place and reviewed regularly.
- Operations and site conditions including assessment of ground, weather conditions and adjacent activities are continuously monitored and, where appropriate, remedial action is taken by a competent person to ensure the safe operation of the MEWP.
- A system is in place to prevent the unauthorised use of machines.
- The operator of the MEWP holds, as a minimum, the CPCS or IPAF qualification for the appropriate category of MEWP.
- A competent person is responsible for ensuring the MEWP is suitable for the specific operation.
- A competent person performs pre-use / daily inspections.
- A Report of Thorough Examination (within the past six months) is retained on site.
- The weekly and statutory inspections are up to date and accurately recorded.
- The McAvoy Group Plant sticker detailing thorough examination information is clearly displayed.
- The MEWP is maintained in accordance with the manufacturer's instructions.
- A competent person ensures the MEWP is identified & prevented from use in the event of defects or malfunctions and this are recorded.
- All MEWPs must be operated within a segregated environment.
- Their use is segregated by the subcontractor for all other activities
- Where materials are being lifted into position with the aid of a MEWP the materials must be secured in the basket or using an appropriate MEWP attachment as per the manufacturer's instructions.

# 2.11 Mobile Access Towers and Low Level Podium steps

Mobile Access Towers (Aluminium Scaffold/Alloy Towers etc.) are only permitted on site where all other mobile work platforms have been risk assessed as unsuitable

Where a Mobile Access Tower is permitted the following must be implemented: -.

- The manufacturers' instructions or user guide must be supplied with mobile access towers and referred to by operatives erecting and using mobile towers.
- Mobile access towers should only be altered, erected and dismantled by a CISRS
   Scaffolder or a PASMA trained erector using the advanced guardrail system in accordance with the manufacturers' instructions.
- Mobile access towers should have a Scafftag in place and the users' names clearly identifiable on same.

- All ladders, handrails and kickboards should be in place in the correct positions, access
  hatches in correct positions and used from inside the tower. Wheels to be locked when the
  tower is in use no 'surfing' is permitted.
- Access platforms must be in good condition with no damage to the legs, hinges or platforms. All such equipment must be tagged to confirm inspection.

To improve safety standards while working at height (low-level) equipment such as podium steps should be used before step ladders, this type of equipment offers total protection to the user when working on platforms as the person will be protected on all sides while on the standing platform. All low level podium steps must be BS8620 standard

This type of equipment can be used when installing joinery or snagging on site and used for various tasks around the factory particularly when making mock-up's or retrieving equipment at height. This type of equipment is light weight and easy to move around which will make it useful on certain works.

Good management of podium steps include:

- Suitable for intended works
- Set up on firm level ground.
- Stabilisers in place
- Inspected before use and tagged.
- Safe working load not exceeded (SWL)
- Inspected weekly thereafter.
- Equipment placed on work at height register.
- When standing on the platform ensure that the safety gate is closed
- Tools must be carried in a tool belt not left on the standing platform

# 2.12 Step ladders

Step ladders should only be used where podium steps cannot reach or if it is not feasible to use them. There use must be fully risk assessed.

Good management of step ladders include:

- Step ladder used only when podium steps or other options are unavailable.
- Correct ladder selected for use
- Visually inspect before use
- Set up on firm level ground
- Set steps facing work
- Never stand on top 2 steps of the ladder
- Don't overreach from steps
- Fully extend out and lock in place
- Step ladders can only be used when all other options have been exhausted and under a permit to work. (SPHS08d Permit to use step ladders).

As of the 1st January 2024 our steps and ladders policy will be further reinforced as all Platform Steps with a safety chain will be BANNED from McAvoy sites and production facility. The only platform steps that will be permitted will be the type with a solid safety bar meeting the height of 950mm above the platform.

#### **Therefore**

As of 1st January 2024

- Any work observed being carried out on platform steps that have safety chains will be asked to be stopped and steps removed from site.
- The use of A Frame step ladders will be closely monitored and justification will be sought for use of these and a risk assessment and permit will be asked to be produced.
- Furthermore the use of platform steps with safety bar must also be accompanied by a risk
  assessment showing justification of why they are being used over more robust access
  equipment such as podium steps.

# 2.13 Edge Protection

Proprietary temporary edge protection systems designed to BS EN 13374 e.g., Combisafe must be considered as the preferred option for fall prevention from roof / slab / floor edges and openings and on formwork systems.

Scaffold tube and fitting edge protection solutions must be designed to meet the relevant load requirements of BS EN 13374 to include a drawing and design checks where necessary:

- The minimum height for the handrail is 950mm.
- No gap greater than 470mm.
- Toe boards fitted
- Brick guards and debris netting fitted as required and as per design.

A handover certificate and initial inspection is required on completion of the installation and following significant alteration and should be subject to further inspections by a competent person at least every 7 days or after adverse weather.

# 2.14 Scaffolding

Only certified scaffolders may alter, erect or dismantle scaffolds in compliance with NASC guide SG4:10 & HSG33. Any persons found altering, erecting or dismantling scaffold without authorisation will be dismissed from the site.

Scaffolders must have a current 'CISRS' Scaffolding Card. Scaffolders with a CISRS Trainee Scaffolder card must work under the direct supervision of an appropriately qualified scaffolder.

System scaffolding erectors must have had system scaffolding training from the manufacturer or CISRS training in the system used

Scaffolding is to be erected to a recognised configuration TG20:13 or EN 12811.1: 2003 and this should be clearly stated on any design, configuration or layout drawings.

If the scaffolding is beyond the scope of a recognised configuration, a specific 'design' shall be prepared by an appropriately experienced and competent temporary works designer to prove strength and stability, including necessary calculations. Standard loading bay structures should also be accompanied by a design drawing. Loading bays will be labelled with the S.W.L. using signage, clearly seen from ground level. All loading bays will be equipped with up and over gates, a swivel arm with gates or other similar proprietary system.

The working platforms will be fit for purpose including safe loading, working and passage of workers. Wherever practicable, scaffolds should incorporate a staircase or a ladder bay with safety gates

and/or trap doors fitted. It should not be possible to fall from the working platform through a direct ladder or access opening. Ladder or stair access to working platforms should not normally be positioned next to or near loading bays.

Competent and qualified scaffolders must inspect the scaffold and provide a handover certificate on completion of work and thereafter undertake inspections of the structures at least weekly or more frequently if required to do so by the project manager. Ideally the person(s) inspecting the scaffold should be independent and not be part of the scaffold erection team.

A copy of recorded inspections must be provided to the McAvoy Group project manager. All scaffolds must be scaff-tagged by the scaffolding contractor to indicate if they are safe to use or are incomplete or closed. Where a scaffold is under construction or not in use, it must be physically barriered off and the scaftag turned/ inspection removed and/or additional sign displaying "scaffolding not in use."

A work at height rescue plan will be requested from all scaffolding subcontractors. Scaffolders are required to wear harnesses and appropriate attachments at all times when working.

The fall of materials and equipment is the leading cause of potential incidents and needs particular focus when planning works. Works on the exterior of structures which need to be conducted at height beyond perimeter protection systems should be carefully risk assessed and planned to ensure equipment, materials and tools are prevented from falling, and that effective protection measures are in place. If the risk still exists then the provision of crash decks, scaffold fans, protected walkways and exclusion zones must be in place.

# 2.15 Safety Nets

Net riggers should hold a current FASET CSCS Safety Net Rigger Card for 'General Rigger.' Nets should be installed to BS EN 1263-2 standards.

The netting installation contractor must provide a handover certificate for all safety net installations and subsequent alterations.

Fall arrest safety nets should undergo an inspection by a competent person every 7 days after handover or following adverse weather, alterations or any other event which could have resulted in damage to the nets. Operatives who will be working above nets should carry out visual inspections of the nets before commencing work. See section on personal fall protection equipment and rescue plans.

## 2.16 Falls from Vehicles

Subcontractors are responsible for offloading materials and consideration must be given to controlling the risks of falls from vehicles. Where possible, loads should be removed without access onto vehicles. Where this is not possible, vehicle-based fall protection systems must be provided, or as a last resort, 'off vehicle' fall protection systems.

# 2.17 Tool Tethering

Tool tethering which is the process of connecting a tool (or other equipment) securely to an anchor or fixed point by using a tool lanyard. If the tool is dislodged or dropped while working at height, it is prevented from falling and causing injury to workers below or damage to sensitive surfaces. Where there is a risk, a falling tool will cause injury to any person or damage to sensitive surfaces tools must be tethered and secure at all times.

# 2.18 Plant and Machinery

All plant and machinery utilised on site must comply with relevant Machinery Directives and have a CE mark.

Only plant that has been certified as compliant with the Provision & Use of Workplace Equipment Regulations (PUWER) and were appropriate the Lifting Operations & Lifting Equipment Regulation LOLER is permitted on site. The equipment must have been thoroughly examined within the defined period noted in the regulations by a competent person.

Machinery defects must be reported immediately to the project management team. Plant and equipment must only be used by operatives who are authorised to do so and have appropriate training. Operatives interfering with plant will be immediately expelled from the site.

# 2.19 Electrical Equipment and Supplies

Only low voltage or battery-operated power tools should be used on The McAvoy Group sites. Tools and equipment greater than 110v may only be used with the prior formal agreement of the McAvoy Group project management team. Designated battery charging points must be used, battery chargers are not to be left in canteens / offices, nor should they be left on charge overnight.

240v electrical supplies may be connected to subcontractors' accommodation units, subject to obtaining permission from The McAvoy Group.

All electrical installations must comply with current Electricity at Work and I.E.T./I.E.E. Regulations and Guidance. All electrical equipment used on our construction and civil engineering sites should be subject to 3- monthly electrical testing.

Evidence of electrical testing having been carried out may be requested.

If electrical equipment does not comply with the above requirement, it must be removed from the site.

# 2.20 Impact Fixing Equipment

Operators of pulse / impact fixing equipment must be suitably trained (e.g., Paslode / Hilti).

The equipment must be in good working order, maintained and only used with the recommended fixing system. Operators must wear the appropriate grade of impact resistant eye protection and implement measures to exclude unauthorised persons from the work area.

### 2.21 Mobile Plant

Mobile plant can be operated on site under the following conditions:

- Only appropriately trained operators are permitted to operate mobile plant (e.g., CPCS or NPORS etc.).
- Daily inspections must be carried out by a qualified plant operative and records of inspections will be required.
- Mobile plant must be maintained as per the manufactures instructions and kept in clean condition.
- Mobile plant must display McAvoy Group Plant sticker detailing the thorough examination information
- All overhead obstructions must be identified and protected in accordance with the requirements of HSE Guidance Note GS6 (Fourth Edition).

- All plant and equipment must be immobilised (keys out) when not in use and must not be left unattended for any period of time.
- All visibility aids must be maintained in effective working order at all times.
- All work areas where mobile plant will operate must be properly segregated at all times.
- All mobile plant must be equipped with either a driver's cab or ROPS. ROPS must immediately be reinstated after passing under height restricted obstructions.
- Proprietary restraint belts must be used by operators where so provided, unless Otherwise specifically risk assessed.
- The use of mobile phones while operating plant and equipment is strictly prohibited.
- All mobile plant shall comply with the safety requirements set out in Table 3 below

| Machine Type   | Reversing and Visual Aids Required   |
|--|--|
| Off -road dump trucks (trailer to the rear of thedriver) payload greater than 7 tonnes | Reversing alarm and flashing beacon with rear<br>CCTV and side convex mirrors. Green Flashing<br>Beacon for seat belt being worn detection   |
| Dumpers (front tip ) no cab  | Reversing alarm and flashing beacon Green<br>Flashing Beacon for seat belt being worn<br>detection   |
| Dumpers (front tip ) with cab  | Reversing alarm and flashing beacon with CCTV or convex mirrors or a combination of both to allow vision from the drivers' seat.  Green Flashing Beacon for seat belt being worn detection |
| Wheel loaders (loading shovels) including skidsteer loaders                            | Reversing alarm and flashing beacon with rear CCTV and side convex mirrors. Green Flashing Beacon for seat belt being worn detection   |
| Backhoe Loaders  | Convex mirrors; reversing alarm and flashing<br>beacon. Green Flashing Beacon for seat belt<br>being worn detection  |
| All 360° Excavators  | Reversing alarm and flashing beacon with CCTV or convex mirrors or a combination of both to allow vision from the drivers' seat. Green Flashing Beacon for seat belt being worn detection  |
| Scrapers   | Reversing alarm and flashing beacon with rear CCTV and side convex mirrors. Green Flashing Beacon for seat belt being worn detection   |
| All tracked type tractors (Bulldozers)   | Reversing alarm and flashing beacon with rear CCTV and side convex mirrors. Green Flashing Beacon for seat belt being worn detection   |
| Graders  | Reversing alarm and flashing beacon with rear<br>CCTV and side convex mirrors. Green Flashing<br>Beacon for seat belt being worn detection   |
| Telescopic Handlers  | Reversing alarm and flashing beacon with CCTV or convex mirrors or a combination of both. Green Flashing Beacon for seat belt being worn detection   |
| Compactors / Rollers without cab and seat to therear                                   | Reversing alarm and flashing beacon. Green Flashing Beacon for seat belt being worn detection  |
| Compactors / Rollers with cab and seat to therear                                      | Convex mirrors; reversing alarm and flashing<br>beacon. Green Flashing Beacon for seat belt<br>being worn detection  |
| Road Planer  | Convex mirrors; reversing alarm and flashing<br>beacon. Green Flashing Beacon for seat belt<br>being worn detection  |
| Road pavers  | Convex mirrors; reversing alarm and flashing<br>beacon. Green Flashing Beacon for seat belt<br>being worn detection  |

Tipper lorries (This is recommended if a vehicle has not this fitted then a specific Risk Assessment including the control of a banksmanmust be in place) Rear Camera, reversing alarm and convex mirrors.

Any maintenance activities on plant must be carried out in a designated or segregated area. The fitter should observe site requirements for PPE, provide proof of appropriate training and evidence of relevant risk assessments and method statements.

Passengers must not be carried on any vehicle unless the vehicle is designed for that purpose.

If plant is to be moved on public roads, the operator must have a valid driver's license and the vehicle should be taxed and insured with the vehicle registration number clearly visible.

Physical Plant Exclusion zones must be established around operational mobile plant and vehicles. This must have some form of physical barrier in place. Actual zones will be dependent on the plant/vehicle and any physical restrictions such as the proximity of fixed or temporary structures. The details of the zones must be identified in the Method Statement document as appropriate, and all of the work teams been briefed on the use of exclusion zones and the safe system of work required for entry.

Mobile plant must be parked in a dedicated area when not in use. Mobile plant equipment such as buckets, shovels, breakers etc. should be placed in a dedicated storage area.

Any maintenance activities on plant must be carried out in a designated or segregated area. The fitter should observe site requirements for PPE, provide proof of appropriate training and evidence of relevant risk assessments and method statements.

Passengers must not be carried on any vehicle unless the vehicle is designed for that purpose.

If plant is to be moved on public roads, the operator must have a valid driver's license and the vehicle should be taxed and insured with the vehicle registration number clearly visible.

Physical Plant Exclusion zones must be established around operational mobile plant and vehicles. This must have some form of physical barrier in place. Actual zones will be dependent on the plant/vehicle and any physical restrictions such as the proximity of fixed or temporary structures. The details of the zones must be identified in the Method Statement document as appropriate, and all of the work teams been briefed on the use of exclusion zones and the safe system of work required for entry.

Mobile plant must be parked in a dedicated area when not in use. Mobile plant equipment such as buckets, shovels, breakers etc. should be placed in a dedicated storage area.

## 2.22 Excavators and Quick Hitches

All manual and semi-automatic quick hitches must be fitted with the correct locking pins prior to use. It is the operator's responsibility to ensure all safety pins are in place. All operators are to be fully trained/instructed on the correct use of the hitch.

Any use of a quick hitch without the required locking pin will be result in the removal of the operator from site.

# 2.23 Lifting Equipment & Operations

All lifting operations must be planned and supervised by competent personnel and all lifting equipment selected is to be fit for purpose.

Note: If you undertake or manage lifting operations on a The McAvoy Group site, a The McAvoy Group Lifting Plan Proforma must be completed in full by a suitably experienced and qualified 'appointed person' including lifts involving mobile cranes, tower cranes, complex lifts or when equipment is used to lift persons other than by MEWP.

The McAvoy Group will not provide an 'appointed person' on behalf of any contractor. Where these requirements cannot be met from your own personal, a contract lift must be arranged.

Lifting equipment and all accessories must be accompanied by current certificates of test / thorough examination. These must be made available for inspection by The McAvoy Group project management team prior to use. The ground bearing capacity should be calculated.

Working platforms shall be considered as temporary works and are subject to temporary works design and checks accordingly.

### 2.24 Telehandlers and Forklifts

All telehandlers or forklifts operatives must be trained and have proof of competence with them at all times. Operators must have received familiarisation training on the specific telehandler/forklift and any specialist attachments prior to use.

Any use of this equipment outside the site boundary and on publicly accessible roads will require the operator to hold the correct category on their driving license. The vehicles must be taxed and insured, and the vehicle license number must be visible at all times. All plant must be accompanied by current test/thorough examination certificates, be maintained in good condition and fitted with adequate visibility and safety devices.

Only manufacturer specific proprietary skips, fork mounted hooks and other specialist attachments may be used.

All mortar bins should be double banded and visually inspected for damage on a daily basis. Mortar bins must never be lifted using the forks through the handles.

Note: As a minimum a basic lifting plan must be completed in full by an experienced and qualified 'Appointed Person' for all lifting operations.

# 3. Trade Specific Requirements

### 3.1 Asbestos Removal

Asbestos removal subcontractors must be licensed by the HSE or HSENI to remove and dispose of materials containing asbestos.

Subcontractors must: Comply with other relevant health and safety requirements noted in this document.

- Ensure that a trained and competent supervisor (BOHS, ARCA or ACAD management & supervisory qualification) is appointed to manage the works under their control and is available at all times on site during their works.
- Provide documented evidence that their employees have received all relevant health surveillance and are certified as fit to work in such environments.
- Provide copies of all relevant waste consignment notices to the McAvoy Group project management team along with all relevant surveyors' reports and air clearance certificate.
- Provide a suitable and sufficient risk assessment and method statement after the review of a comprehensive refurbishment and demolition survey, which must include:
- A copy of the notification of works to the relevant enforcing authority (where required)
- Full details of site preparation, decontamination facility and enclosure construction which must be fully operational prior to works commencing
- Selected removal/stripping methods and fibre suppression measures
- Description of enclosure standards and construction, smoke testing arrangements, details
  of airlock for personnel, separate bag locks and negative pressure ventilation controls
  (where required)
- PPE selection and personnel decontamination procedures
- Temporary waste storage arrangements and details of licensed carrier / receiver
- Schedule of all equipment to be used and associated equipment test and inspection reports
- Air clearance testing procedures and clearance certificates
- Emergency plans including firefighting arrangements and means of raising the alarm
- Any other client specific agreed ACM removal arrangements
- Where notifiable asbestos has been identified a notification is to be submitted to the HSE / HSENI 14 days prior to works commencing.

### 3.2 Demolition

Subcontractors must Comply with other relevant health and safety requirements noted in this document.

#### Surveys & Services

#### Subcontractors must:

Ensure that prior to any demolition work commencing a detailed demolition asbestos survey will be completed and reviewed by the subcontractor. Comply with the principles enshrined within HSG47 'Avoiding danger from underground services' and GS6 'Avoiding danger from overhead power lines. Provide details of all known and surveyed utilities / services along with details for their safe isolation and / or removal and liaise with local petroleum officers concerning the disposal of any fuel tanks and their contents. Detail procedures for dealing with unforeseen circumstances such as discovering previously unidentified hazards, e.g., utility services, suspected ACMs etc.

#### **Demolition Sequencing**

#### Subcontractors must:

Define the sequence and method of demolition and dismantling including any pre-weakening techniques to be used, taking into account the stability of adjacent structures.

Provide details of associated temporary works including Structural Engineer drawings and calculations to determine the demolition sequence.

#### **Environmental Conditions**

#### Subcontractors must:

Comply with local authority restrictions on noise and dust and provide a wash down facility if appropriate; ensure that wet suppression and run off techniques are used wherever practicable. Ensure that where diesel powered machinery and plant is used, exhaust emissions cannot build up to hazardous levels.

Define arrangements for the temporary storage and removal / disposal of demolition waste and hazardous waste.

### Exclusion Zones & Emergency Planning

Subcontractors must: Provide details about the provision and maintenance of exclusion zones to include arrangements for the protection of the site workforce, members of the public and other third parties from falling materials, dust, fumes, vibration etc. and the provision and maintenance of access and egress routes for both pedestrians and vehicles on site.

Detail phased edge protection planning as appropriate; this must be installed to prevent operatives involved in the demolition process being exposed to a leading edge.

Specify emergency plans including firefighting arrangements / means of raising the alarm and provide a detailed work at height rescue plan as appropriate.

### 3.3. Groundworks

#### Subcontractors must:

Comply with other relevant health and safety requirements noted in this document. Comply with the McAvoy Group 'permit to dig' requirements.

#### Overhead & Underground Services

### Subcontractors must:

Comply with HSG47 'Avoiding danger from underground services' and GS6 'Avoiding danger from overhead power lines.

Obtain a permit to dig from the project management team and comply with all the requirements contained within the permit. Prior to works commencing, review and confirm site surveys to identify structures, underground services, overhead power lines, unexploded ordinance etc.

Use appropriate CAT & Genny scanning devices to verify the position of all services already noted on service drawings provided and to identify others that may not already have been identified. All scanning devices must be calibrated, and inspection records must be date. Users of scanning

equipment will be required to provide evidence of their competency and training prior to use. All scanning must be completed in a grid formation to ensure accurate scanning.

Ensure that no mechanical means of excavation is undertaken within 500mm either side of identified buried services. All hand tools must be insulated.

#### **Ground Conditions & Protection**

#### Subcontractors must:

Ensure that the most appropriate excavation support is provided and ensure that the suitable angles of repose are determined. Adequately protect excavations at edges by means of guardrails, barriers and/or separation barriers or by ensuring they are adequately covered as appropriate. Excavation warning signage must also be provided. The protection of excavations next to public highways / infrastructure is essential. Barriers and fences must be provided to a minimum height of 1m with attendant lighting and warning notices.

Such measures must be discussed and agreed with the McAvoy Group project management team. Ensure all excavations are adequately supported and protected to prevent the risk of falls or unplanned collapse and/or operative, material or vehicles falls into the excavation(s). The methods employed to prevent the collapse of excavations must be clearly detailed in the site-specific risk assessments.

Ensure excavation supports are subject to temporary works design and checks.

Clearly justify by risk assessment the reasons for not supporting or otherwise battering back shallow excavations

Note: specific controls to prevent falls of persons and / or vehicles into excavations are required when excavating to depths greater than 500mm below ground level.

Provide excavations with safe access/egress points (and / or alternative emergency egress points) and ensure no load, vehicle, plant or equipment will be placed near the edge of any excavation where it is likely to cause a collapse of the excavation. No material will be lowered into an excavation if persons are in the excavation. All persons are to immediately report any deterioration in excavation sides.

Materials, spoil and equipment shall be kept away from the edge of the excavation by a distance equal to the depth of the excavation subject to a Temporary Works assessment. The height of the spoil must be kept to a minimum to reduce any residual hazards.

Provide access holes, gulley pots and telecommunication ducts etc. at ground level with

adequate temporary covers prior to the permanent covers being put in place: with steel plates where there is vehicular traffic and with plywood of sufficient strength or other proprietary temporary cover where there is pedestrian traffic. All temporary covers will be fixed securely in place. Chipboard, fibreboard, pallets etc. are not to be used as covers.

### Vehicle Movements

Subcontractors must provide competent Traffic Marshal to assist with plant and equipment movement when reversing or where plant is used in public areas.

Note: All reversing manoeuvres should be avoided as far as is reasonably practicable.

# 3.4 Piling Operations

#### Subcontractors must:

Comply with other relevant health and safety requirements noted in this document.

Overhead & underground services Comply with the McAvoy Group 'permit to dig" requirements.

Comply with the principles enshrined within the HSG47 'Avoiding danger from underground services' and GS6 'Avoiding danger from overhead power lines' Prior to works commencing, review and confirm site surveys to identify structures, underground services, overhead power lines, unexploded ordinance etc. Use appropriate CAT & Genny scanning devices to verify the position of all services already noted on service drawings provided and to identify others that may not already have been identified. All scanning devices must be calibrated and in date. Users of such equipment will be required to provide evidence of their competency and training prior to use. Scans must be completed in a grid formation to cover all areas.

#### **Ground Conditions**

#### Subcontractors must:

Provide necessary data to allow piling rig(s) mat to be designed and verified by suitably qualified persons to demonstrate the correct bearing capacity to adequately support the rig(s) relevant to the ground and environmental conditions at the proposed work sites.

Confirm that they are in possession of sufficiently detailed information regarding existing services their depth, routes, locations within the confines of the site and other areas that may be affected by their undertakings. Surveys should also identify the ground conditions to the full depth of the piles, anticipated effects of noise and vibration on the local environment and access and egress characteristics of the site.

#### Additional Requirements:

Ensure that plant and machinery have adequate interlocking guards and signage around moving parts or has mechanisms in place to prevent entrapment. Specify exclusion zones as appropriate. Specify and include within site specific risk assessments, work at height maintenance requirements that will necessitate access to parts of the rig(s) above ground level.

# 3.5 Roofing and Cladding

#### Subcontractors must:

Comply with other relevant health and safety requirements noted in this document.

Ensure that only certified roofers / wall cladders and asphalt roofers will be permitted to complete roof work on site.

Comply with the hierarchy of control principles enshrined within the Work at Height Regulations and HSG33 and comply with all other provisions of these Regulations.

Ensure that prior to commencing works, a roof survey has been undertaken which identifies the specific work location areas, roof construction and materials, presence of asbestos containing materials, fragile roofing materials and roof lights, existing edge protection and its condition and other proprietary 'mansafe' systems, utilities / services located on the roof and overhead etc.

#### Fall Protection Measures

#### Subcontractors must:

Utilise collective fall protection measures to prevent falls from roofs in preference to personal fall protection measures. Provide a specific risk assessment when using safety harness equipment and accessories, detailing the system to be used, specific equipment, users training, inspection arrangements and associated rescue plan.

Detailed sketches may also be required, particularly if work restraint systems are to be employed. Complete a work at height rescue plan detailing rescue from nets and MEWPs as relevant.

### When Accessing Roof Areas

#### Subcontractors must:

Ensure appropriate access is in place, prior to works commencing. Where specific access arrangements are required, these must be agreed with the McAvoy Group project management team. The requirement for a secondary means of access from the roof in the event of an emergency is subject to agreement with the McAvoy Group project management team.

Note: The use of MEWPs to access roofs is only permitted under risk assessment

#### On the Roof

#### Subcontractors must:

Ensure that fragile roof areas are appropriately signed and segregated through a robust structure comprising of double handrails and toe boards.

Ensure that roof/sky lights and other potentially fragile materials are signed and adequately protected to prevent falls of persons through these.

Provide suitable rails and / or load bearing covers at exposed roof openings where a person or materials could fall through. Measures should also be taken to prevent falls of materials, tools and equipment onto persons working below such areas.

Detail other control measures used to protect the public and others, including exclusion zones, warning signs, crash decks, scaffolding platforms and fans, debris netting, covered waste chutes etc.

### Housekeeping and Fire Prevention

#### Subcontractors must:

Ensure that fire controls and suitable means of raising the alarm in an emergency is detailed in a site specific risk assessment.

Store flammable substances in flameproof lockable containers; the use of these is to be agreed with the McAvoy Group project management team. Remove all waste from roofs on a daily basis and ensure any materials stored on the roof are fully secured at all times.

Note: 'Bombing' of materials is prohibited at all times. When working at height all tools must be tethered and secure.

## 3.6 Structural Steel Erection

Comply with other relevant health and safety requirements noted in this document.

Comply with the hierarchy of control principles enshrined within the Work at Height Regulations. Comply with all other provisions of these Regulations and BCSA Codes of Practices and best practice guides.

Provide a detailed sequence of erection and drawings to demonstrate step by step progress with identification of members critical to stability and associated temporary restraint members. Confirmation of holding down bolt designs(s) must also be provided for freestanding and temporary restraining systems.

Agree the location of storage and stacking areas and required movements and lifting locations on site.

Erect and maintain exclusion zones consisting of robust barriers and suitable warning signage where structural steel is being lifted and installed by the contractor.

Hazard tape and cones will not be considered as sufficient physical barrier. No unauthorised personnel will be allowed access into the structural steel area while steel erection is taking place.

Access arrangements for steel erectors must be agreed with The McAvoy Group project management. Safety harnesses and appropriate lanyards must be worn by operatives when working from boom MEWPS. Evidence of appropriate training must be provided.

Avoid stacking steel on a partially constructed structure by lifting steel members directly into place from designated storage areas. Where this is not possible, alternative arrangements must be made with the McAvoy Group project management team. Complete a site-specific The McAvoy Group Lifting Plan Proforma where appropriate and a separate 'work at height rescue plan' in addition to site specific risk assessments / method statements

Subcontractors undertaking welding activities should ensure that effective engineering controls are provided and correctly used to control fumes arising from their welding activities.

Where engineering controls are not adequate to control all fume exposure, adequate and suitable respiratory protective equipment (RPE) is also required to control risk from the residual fume. Subcontractors shall ensure that adequate training is in place for operatives involved in welding operations. When working at height all tools must be tethered and secure.

# 3.7 Installation of Metal Decking

Subcontractors must:

Comply with other relevant health and safety requirements noted in this document.

Ensure that delivery vehicles provide suitable means of fall prevention for operatives offloading materials and equipment, or as a last resort, 'off vehicle' fall protection systems. Comply with the hierarchy of control principles within the Work at Height Regulations. Comply with all other provisions of these Regulations. Affix appropriate edge protection to the structure and around permanent and temporary openings as soon as reasonably practicable.

Agree suitable access to metal decking areas with the McAvoy Group project management team prior to erection and use. Ensure that the use of collective fall protection systems such as safety

nets, airbags and safety decking take precedence over personal fall protection systems. All fall protection systems must be detailed in the site-specific risk assessments and method statements. A separate 'work at height rescue plan' must also be provided as appropriate.

Provide a detailed sequence of erection and drawings to demonstrate starting points, stacked bundle positions and method of laying decks / units.

Provide and maintain exclusion zone(s) consisting of robust barriers underneath the drop zone(s) and appropriate warning signage.

Note: If any cutting or grinding works are anticipated – these must be discussed and agreed with the McAvoy Group project management team. Such activities must not take place immediately above or adjacent to safety net areas. Ensure that all flammable materials are removed from underneath drop zone(s).

# 3.8 Welding Works

Subcontractors undertaking welding activities should ensure that effective engineering controls are provided and correctly used to control fumes arising from their welding activities. Where engineering controls are not adequate to control all fume exposure, adequate and suitable respiratory protective equipment (RPE) is also required to control risk from the residual fume. Subcontractors shall ensure that adequate training is in place for operatives involved in welding operations.

### 3.9 Environmental

The McAvoy Group operates environmental management and energy management systems, certified to ISO14001. These systems manage, control and influence our environmental impacts and behaviours. Each supplier should have their own certified management system or manage their activities in accordance with the McAvoy Group certified system. Each supplier is expected to have an Environmental Policy as an absolute minimum:

The supplier must work in accordance with all requirements contained within the environmental plan

Each supplier RAMS must contain details of identified environmental risks associated with their works package, and detail those measures which will be implemented to mitigate each risk.

### 3.10 Pollution and Nuisance Prevention

All pollution incidents regardless of scale should be reported to the Project Manager as soon as possible after the occurrence.

Supply chain partners must ensure the following

- Ensure all plant is NRMM (Non-Road Mobile Machinery) compliant when working in the applicable locations
- Support with reducing pollution impacts by ensuring correct spill equipment available All plant on site must have spill kit and/or sufficient plant nappies.
- Obtain written permission from the Company before disposing of water arising from dewatering excavations, washing down vehicles or draining down heating systems, into any ditch, stream, pond, lake, river, storm drain or foul sewer.

- Take all appropriate steps to prevent anything which may cause pollution, including suspended solids or washout from concrete mixers, from entering any foul sewer, storm drain or watercourse.
- Bunds must be free of water, fuels and debris. Suitably sized spill kit should be supplied with every bowser.
- Refuel plant away from any foul sewer, storm drain or watercourse using an absorbent pad or equivalent, and funnel where appropriate.
- Report immediately to the Company any oil or chemical spill or unauthorised discharge into a foul sewer, storm drain or watercourse.
- All chemicals must be stored in suitable receptacles. Only chemicals and fuels that float
  on water can be stored on interceptor drip trays. All other chemicals must be stored in a
  flame proof store or equivalent. No chemicals or fuel is to be stored under trees.
- Emergency response and spill training must be undertaken for all staff carrying out plant or machinery refuelling as a minimum.

### Noise, Vibration and Dust Nuisance

Where possible, equipment and plant must be located away from site boundaries and use noise or vibration mitigation measures where appropriate.

Requests to work out with normal or permitted site hours can only take place once an agreement with the Local Authority via the project management team has been reached. Breach of this process will result in an NCR being issued which may result in withholding of payment, especially if a Notice under Section 60 of the Control of Pollution Act 1974 (as amended) is issued by the relevant local authority.

Water or other means of dust suppression or extraction must be used to prevent dust generation. Vehicle movements must observe site speed limits and loads must be covered while vehicles are moving within or out with the site. Idling of vehicles or plant when not in use is not permitted.

All vehicles must adhere to wheel wash requirements depending on site conditions prior to egress onto a public highway.

### **Energy and Carbon Emissions**

McAvoy Group are committed to playing our part in combatting climate change and have committed to be a Net Zero emission business by 2050.

The subcontractor must take all reasonable steps to minimise energy use and carbon emissions by using energy efficient equipment and, fuel efficient plant.

Evidence of service history for all plant will be required upon request. Plant or vehicle idling on-site will not be permitted.

Red diesel will no longer be permitted on sites from 1st April 2022

# 3.11 Waste Management and Recycling

Each supplier must comply with the project waste segregation strategy by ensuring that cross contamination of non-mixed skips is avoided.

Where a supplier makes their own arrangements for waste transfer or disposal, they must ensure that full legal compliance under the Duty of Care Regulations is adhered to, and that copies of all

relevant carrier licenses, waste management licenses, exemption certificates and waste transfer notes are provided prior to waste materials leaving the site.

#### **Timber and Wood Products**

The supplier will provide evidence demonstrating that all timber and wood-based products, including packaging, is sustainably and legally sourced.

The only acceptable evidence will be those schemes certified by the Forest Stewardship Council (FSC), Programme for the Endorsement of Forest Certification (PEFC) or that the forest of origin is licensed by the EU Forest Law Enforcement Governance and Trade (FLEGT) scheme.

Full chains of custody must be provided to ensure legal and relevant scheme compliance, as well as providing evidence for relevant credits to be awarded under the BREEAM scheme including having FSC details specified on each delivery note.

If responsible for the disposal, off-site, of construction, demolition or excavation (CDE) waste, provide McAvoy with the following, prior to any waste being removed from the site:

- An authenticated copy of the Waste Carrier Registration Certificate of the company/companies removing the waste. If the Sub-Contractor removes waste themselves or arranges removal of waste by others (e.g. a haulage company), the subcontractor must be registered with the Regulator as a waste carrier and broker.
- The name, address and licence or permit number of the waste facility/facilities where the waste is to be taken, together with evidence, in the form of an authenticated copy of the full environmental permit, licence or exemption notification, that the site(s) receiving the waste is/are authorised by the Regulator to do so.
- In the case of 'exempt' sites, written confirmation is also required from the Regulator that the exemption is valid, and appropriate for the waste being sent there.

If responsible for the disposal, off-site, of construction, demolition or excavation (CDE) waste, provide McAvoy with the following on an ongoing basis:

- For non-hazardous waste, copies of all Waste Transfer Notes completed correctly, and in accordance with Waste Regulations.
- For hazardous/special waste, copies of all Waste Consignment Notes and copies of hazardous/special waste returns from the receiving facility, using the correct site premise number.
- Clear away all waste as work proceeds, ensure it is stored in a safe and secure manner and, where provision is made for the on-site segregation of waste; place it in the appropriate skip/container.
- Dispose of / store the following wastes separately from other CDE waste: oily waste, including contaminated rags and spill granules, oil f filters, aerosols, gas canisters, batteries, fluorescent tubes, sodium light fittings and packaging that contains, or has contained, hazardous liquid, resin, adhesive, mastic or powder.
- Obtain from the Regulator the appropriate environmental permit or exemption, if they
  propose to crush and/or screen the CDE waste on site, and provide McAvoy with a copy

#### Reporting

The supplier will be required to assist in the reporting of all environmental data monthly, including the quantities used of water, fuel and electricity, plus any quantities of waste generated and legally

managed. Failure to comply with any reasonable request for such data will result in an NCR being issued which may result in a reduction to any interim and final payments as determined by The McAvoy Group

# 3.12 Quality Management

Subcontractors must demonstrate a commitment to quality and are encouraged to seek opportunities for continuous improvement throughout their operation by working openly and collaboratively with us, as we strive to improve our organisations operational output.

The McAvoy Group operates a Quality Policy that requires the implementation of a Business Management System across its operations that conforms to ISO 9001. Accordingly, the subcontractor is required to co- operate and comply with the policy.

McAvoy utilises Procore Project Management software to manage all quality on projects. Subcontractor to confirm relevant personnel requiring access to Procore for the duration on the contract.

Subcontractors must ensure that there is someone on site that can undertake the Quality Management of their service. This person must be someone who is full time on site and can either be a Site Manager, SHEQ advisor or a Project Manager etc. but must be someone with a degree of experience in managing the quality aspects for which they are appointed to do.

This person must also undertake joint quality inspections with the McAvoy Group project team

Subcontractors are required to adhere and comply with the following:

- Share Information for design coordination
- Share Information for review and comment by Project Team members
- Share Information to obtain approval by The McAvoy Group and the Client
- Publish information for contractual use
- Review and coordinate their design with all other project design information.
- Raise all necessary RFIs and TQs, as required, to complete their design.
- Works on site should not commence until requested samples have been approved.
- It is the Sub-Contractors responsibility to ensure that they are working to the latest drawings and specifications. Sub-Contractors must ensure that they take cognisance of all RFI and Technical Query responses.
- Sub-Contractors must work to all latest BS, EN and ISO Technical Standards and Building Regulations.
- The subcontractor shall provide prior to appointment Quality Plans, Programmes, Inspection & Test Plans (ITPs), Check Sheets and any associated quality records and check sheets in relations to all elements of their works or works subcontracted by them.

Subcontractor ITPs shall identify the following as a minimum:

- What is to be inspected/tested
- Against what specified criteria and/or requirement
- Who is to be involved?
- When and how often tests and inspections are to be carried out
- How will it be recorded
- Identify responsible person for sign off
- Final record requirements

ITPs produced by the subcontractor, either using their own template or the McAvoy Group template, shall be checked, verified and endorsed as acceptable by both the subcontractor and an appropriate member of the Project Management Team prior to any subcontracted works commencing.

Works shall only commence once the ITP has been accepted by McAvoy Group. ITP's and associated check sheets are to be agreed a minimum of two weeks before commencement on site

Subcontractors are expected to communicate these requirements to their own Subcontractors to ensure alignment across the supply chain. The subcontractor is responsible for independent inspections of their work (or their subcontractor) by the supplier or material manufacturer, reports issued following these inspections are to be issued to the McAvoy Group Project Management team.

#### **Snagging**

Sub-contractors are to produce detailed snagging reports two weeks before handing over a section of works.

Sub-contractors are to undertake a weekly snagging inspection with the McAvoy Group package lead/compliance manager to review progress and ensure snags are being closed out in a timely manner.

McAvoy Site Management team will use Procore to manage the project snag process and issue snag(s) to subcontractor quality manager as required, subcontractor is required to complete works and respond via Procore within the requested time frame.

### Non-Conformance Reporting & Close Out

All NCRs are to be investigated within 24hrs by the subcontractors, a report detailing findings and remedial actions regarding the NCR must be issued within 72 hrs. Close out timescales are to be agreed with the package lead/compliance manager for McAvoy Group and these are to be regularly monitored. Failure to comply with an agreed Quality or ITP process may result in reduced or delayed subcontractor payments.

McAvoy Site Management team will use Procore to manage the Non-Conformance process and issue Non-Conformance(s) to subcontractor quality manager as required, subcontractor is required to complete works and respond via Procore within the requested time frame.

# 4. Factory Operations

The following safety rules and regulations in place at the Lisburn factory, These safety rules are in force for everyone's safety. Failure to follow the safety rules may result in your immediate removal from site or a strike notice recorded.

The following rules are therefore in place:

- Reverse Parking in Operation
- Always Adhere to the Speed limit (10mph)
- Always adhere to the one- way system and segregated walkways
- Risk Assessments and Method Statements must be provided 5 days prior to starting work and must include:
  - o Detailed methodology for work to be carried out including fixing details.
  - o Hazards and assessment of risks from works
  - Operatives CSR card copy's and relevant training ie abrasive wheels, harness training
- Inspection and test plans with relevant Quality Checklist, each subcontractor is responsible for checking of their own work and provide adequate resources to do so.
- All personnel must hold the relevant training in line with the work being undertaken. CSCS/CSR Cards must also be available for inspection.
- Employees attending the factory must have read and understood this document before arrival
- All new personnel on site must receive a site induction.

   Inductions are at 0730 each
  morning. Outside these hours an induction must be requested in advance with Mcavoy
  Management
- Under 18's must be reported to McAvoy management and a Young Person risk assessment completed
- All persons on site must have an understanding of the English Language to allow for Health and Safety information to be communicated.
- Everyone must sign in & out.
- Everyone must have manual handling training
- Smoking is Strictly prohibited on site except for designated areas.
- No Unauthorised passengers, children or animals allowed on site.
- On hearing the fire alarm all personnel are to make their way to the assembly point immediately
- All equipment brought to site must be accompanied with the required certification e.g. lifting accessories, mobile plant, survey equipment, testing equipment etc. Only 110volt or battery powered tool are permitted.
- All site specific environmental controls must be complied with and any waste materials
  disposed of in line with legislative requirements and records of licenses, transfer notes and
  consignment notes issued to McAvoy Group.
- 5 Point PPE must be worn.
  - High Visibility Vests
  - o Steel toe cap and midsole foot protective boots
  - Safety Glasses
  - o Hard Hat
  - o Safety Gloves-suitable for the task

- Note that all PPE MUST be compatible (e.g. ear defenders and visors that fit the correct safety helmet etc)
- Hearing protection must be worn in areas that are designated as hearing protection zones.
- No Working on top of modules or containers without fall prevention measures in place.
- Delivery drivers must stay in their cab until directed to exit by a McAvoy employee.
- Beware of Forklift trucks and overhead cranes moving in and out of the factory.
- All welfare facilities must be kept in good order.
- A-Frame ladders are not permitted for general use on site, other options e.g. podium ladders should be used. Should occasions arise where there is no other suitable option then they must only be used under a specific risk assessment and permit issued by McAvoy Group.
- Drugs and Alcohol testing is in place. If you are taking prescription drugs which impact on your daily routine by causing drowsiness etc., please inform the site manager.
- Permits are required for.
  - o Hot Works
  - Working at height
  - Use of Steps/Ladders
  - Spray Painting
- If hot works is required, you must provide a suitable and in date fire extinguisher
- Each sub-contractor is responsible for keeping their own work areas clean and tidy. We operate a clean as you go policy and expect each subcontractor to do this.
- Mobile Phones can only be used within safe areas or the welfare facilities. No mobile phones
  are to be used whilst operating mobile plant. No pictures or videos are permitted to be
  taken on site without gaining permission from McAvoy Group Contracts Operations
  Manager first.
- McAvoy Group operates a Health and Safety Breach procedure which uses a '3 strike rule' but also reserves the right to remove anyone from site should they endanger themselves or others for breach of Health and Safety requirements.
- All accidents must be reported immediately to a member of staff who will contact a first aider.

Health and safety is the responsibility of every individual, not only for themselves but also the safety of others.