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SAFETY STATEMENT

ABC Company

Address Line 1

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1.1 APPLICATION

This Safety Statement has been developed to assist ABC Company comply with relevant H&S standards and to ensure that clients are fully aware of ABC Company' commitment to high standards in H&S.

1.2 OBJECTIVES OF THE SAFETY STATEMENT

To provide a reference for the policies and procedures used in house and at any Client sites. It is also used to assess and audit the levels of health and safety being achieved.

To provide evidence that the policies and procedures to ensure health and safety objectives are met and have been thought out and documented in order to help those who must execute them.

To provide a control document to record the pertinent changes to the Company Safety Statement, which become necessary due to the changing business environment.

To help identify training requirements that needs to be fulfilled in order to generate suitably qualified personnel to carry out the policies and procedures contained within the document.

To provide assurance that compliance with legal requirements for health and safety are being met or exceeded.

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1.3 COMPANY SAFETY STATEMENT

The general Statement on this page sets out the Safety Policy of ABC Company.

It is this Company's intention that its work will be carried out in accordance with the relevant statutory provisions of the Safety, Health & Welfare at Work Act 2005, the Safety, Health & Welfare at Work (General Application) Regulations 2007, Working at Height Regulations, Electricity Regulations, the Construction Regulations 2006 to 2013 and any other applicable regulations from those implemented in 2007. All reasonable practicable measures will be taken to minimise risk to employees or others who may be affected by company activities.

Where we are engaged on Domestic Works and we are not aware of a Project Supervisor being appointed, we will advise the Client Under Regulation 6 of the 2013 Construction Regulations, of their duty to do so and will follow the directions of whoever is appointed as the Project supervisor.

Manager 2 has appointed Manager 1 as having responsibility for managing Health, Safety & Welfare. Reference should be made to Manager 1, in the event of any difficulty arising in the implementation of this policy. Manager 2 will have ultimate responsibility for ensuring that the provisions of this Safety Statement are implemented.

The Success of the policy will depend on the co-operation of all employees. It is therefore important that you acquaint yourself with all areas of the Safety Statement. You should ensure that you understand your role and the overall arrangements for Health & Safety within the Company and within your individual area. You should also be aware that you have an obligation to take care of your own safety and that of others that might be affected by your actions.

Signed: _____
Manager 2

Date: _____

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1.4 Policy Statement:

Manager 2 is committed to, protecting the Safety, Health and Welfare of all employees at work, avoiding product loss, preventing property damage and ensuring its processes will not damage the environment. All reasonable and practicable steps to protect members of the public who may be affected either directly or indirectly by its activities will be followed.

All reasonable and practicable steps shall be taken through occupational risk assessment to ensure that workplace conditions, practices and procedures are safe and in compliance with relevant safety, health and welfare legislation.

It is our policy when purchasing raw materials, making process alterations, altering (by approval) existing equipment or changing a system of work; to study each proposed change to ensure that it is safe in so far as reasonably practicable.

All employees shall be adequately trained, supervised and equipped to carry out their duties and responsibilities in a safe manner, with all operating procedures clearly outlined. All employees will have access to the company's safety statement and should ensure that they are familiar with its content.

Where necessary employees shall be provided with suitable protective clothing, equipment and training where hazards cannot be eliminated using all reasonable practicable steps.

Accidents/incidents reported shall be investigated by Manager 1 to determine the corrective action necessary to prevent recurrence.

This statement shall be revised as often as is necessitated by changes in legislation or the addition of new processes and equipment and all resources shall be provided to ensure its full implementation.

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The table below is a record of all revisions made to the safety Statement

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STRUCTURE FOR HEALTH AND SAFETY

PART 2

PREVIEW

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2.1 MANAGEMENT CONTROL SYSTEM

ABC Company are a company working in the area of General Construction. The company's employees operate an average of 8:30 AM to 5:00 PM. This is dependent on work schedules and available light. During Winter hours we occasionally start work at 7:00.

The objective of the Safety Management System is to satisfy our legal responsibilities and to exercise greater control of health and safety within our organisation, to protect people and control the business.

Management points that may be measured:

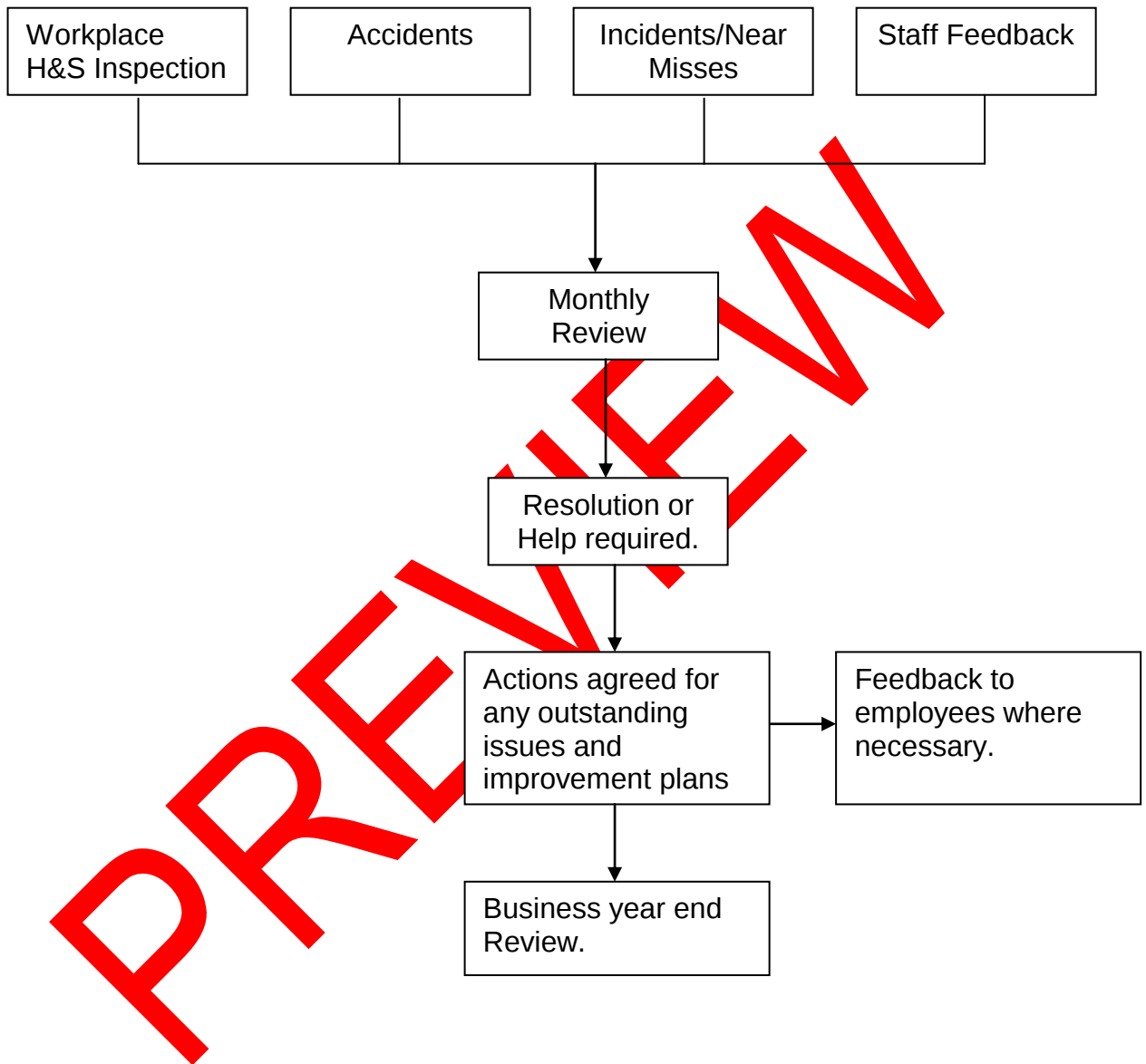
1. Workplace safety and housekeeping inspections
2. Staff suggestions and query forms
3. Induction and ongoing training
 - 3.1. First aid – as necessary
 - 3.2. Manual Handling – as necessary
 - 3.3. Safe Pass training
 - 3.4. Other Skills cards for Excavators, etc. as per need.
4. Safety critical equipment maintenance records
 - 4.1. Vehicles
 - 4.2. Fire extinguishers
5. Fire drill records
6. Risk assessments
 - 6.1. Initial assessments from xx/xx/xx
 - 6.2. Annual reviews after xx/xx/xx
7. Monthly Safety review
 - 7.1. Minutes
 - 7.2. Action points
 - 7.3. Outstanding issues resolved
8. Safety Statement
 - 8.1. Implementation on xx/xx/xx
 - 8.2. Annual reviews after xx/xx/xx
9. Annual report

Records of all of the above points will be held within a Safety Management Folder. This folder is maintained by Manager 1.

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Health and Safety Management process for ABC Company

Process flow below indicates how Health and Safety issues and procedures are handled.



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Procedure for Workplace Inspections.

1. Result from previous inspection is filed for review at Monthly meeting, along with any issues that could not be resolved at the time.
2. Any issues requiring discussion are dealt with at the meeting and action points are put in place.
3. A senior employee or the Foreman will carry out the Workplace Inspection.
4. Inspection is completed and given to the client Health and Safety Manager (if necessary) by 2.30 pm that day if another employee was responsible.
5. The inspection has corrective actions that have been completed highlighted and any issues that could not be dealt with identified.
6. Any significant issues on the inspection are immediately actioned by the Foreman (where necessary).
7. Any non urgent issues are held over until the monthly review and actioned as appropriate.
8. Manager 1 or appointed deputy and the Foreman (where one is in place), will then review the performance of the company at the Monthly Review.

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2.2 Manager 2 (Assisted by Manager 1 as required)

- ❑ Manager 1 will be responsible for implementation of the procedures within the Safety Statement.
- ❑ He bears the ultimate responsibility for ensuring that staff are given correct information and training for them to do their job effectively.
- ❑ He is also responsible for ensuring that staff reporting to him are supported in enabling them to reach the correct decisions in respect of health and safety matters.
- ❑ Supervise the Company Health and Safety programme.
- ❑ Review all safety rules bi-annually and, when necessary, recommend suitable changes.
- ❑ Investigate all major accidents and damage to Company property and recommend action.
- ❑ Ensure that accident records are maintained.
- ❑ Ensure that records of hazards/near miss reports are maintained.
- ❑ Ensure that the systems for ensuring that fire precautions are adequate.
- ❑ The Health, Safety, and Welfare of all employees are not compromised when all other performance standards are set.
- ❑ That adequate funding is reserved to meet regulatory needs of safety and health.
- ❑ That management will lead by example in adhering to stated policies to achieve the Company's aim to reduce accidents and health exposures.

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2.3 Site Foreman (if appointed)

- ❑ Regularly inspect the workplace to ensure that the programme is being complied with and make recommendations directly to all employees in matters concerning Health and Safety.
- ❑ Ensure the review of Health and safety on a monthly basis.
- ❑ Review the Staff suggestion and query forms weekly.
- ❑ Control Sub-contractor work on the premises. (when necessary)
- ❑ Supervise the Company Health and Safety programme.
- ❑ Get the assistance of all management in monitoring the effectiveness of the Company Safety Statement.
- ❑ Review all safety rules on a regular basis and, where necessary, recommend suitable changes.
- ❑ Assist in the induction and safety training of new employees.
- ❑ Inspect and maintain records of hazards/near miss reports.
- ❑ Monitor the systems for ensuring that fire precautions are adequate.

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2.4 SUPERVISORS

All supervisors will be responsible for planned implementation of effective health and safety standards within their area of operation.

Supervisors bear the responsibility for ensuring that staff are given correct information and training for them to do their job effectively and that their work targets are realistic and do not compromise health and safety requirements.

They are also responsible for ensuring that staff reporting to them are supported in enabling them to reach the correct decisions in respect of health and safety matters.

SPECIFIC RESPONSIBILITIES OF ALL SUPERVISORS

- ❑ Ensure that all procedures are complied with for all new employees.
- ❑ Implement an efficient communication procedure so that all Personnel are aware of workplace standards as measured against the Company's Safety Policy and are provided with information on accidents and other safety, health and welfare information.
- ❑ Plan and co-ordinate safety training as necessary.
- ❑ Plan and supervise all work processes in a safe manner and in accordance with the standards set out in the Safety Statement.
- ❑ Ensure that all employees directly under your control are aware of their specific responsibilities.
- ❑ Provide assistance to staff in carrying out their responsibilities, particularly in determining the most appropriate order and methods of working.
- ❑ Where work is of a nature not normally carried out by the Company, then identify hazards and, if necessary, arrange for written instructions to be issued, regarding safety sequence, method of work and precaution to be taken, to the person in charge of the work.
- ❑ Allocate work in such a way that health and safety standards are not compromised.
- ❑ Know the location of the First Aid Box.
- ❑ Ensure that you know the procedure in the event of a fire.
- ❑ Report any accident or damage, however minor, to senior management.
- ❑ Commend Employees who by action or initiative eliminate hazards.

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2.5 All Employees

- ❑ All Employees are to co-operate with management in the wearing of the correct safety equipment, using the appropriate safety devices and following proper safe systems of work.
- ❑ All Employees are to co-operate in the investigation of accidents and the reporting of them and also the reporting to their supervisors of any local hazards of which they become aware.
- ❑ All Employees will be encouraged to promote ideas on the improvements of health and safety standards and also provide suitable suggestions for reduction in risks.
- ❑ All Employees are forbidden to interfere with or misuse any specified items of safety equipment or any safety device.
- ❑ All Employees are required to take care of their own health and safety and they should not indulge in horseplay, wilful unsafe acts or carry out or play practical jokes on other employees.
- ❑ Employees found guilty of wilful unsafe acts may be liable to summary dismissal.
- ❑ Employees are advised that strict requirements under the Health and Safety at Work Act can be used by the enforcing authorities against such persons if found guilty of reckless behaviour.
- ❑ All employees must clean up their working area or assist in tidying up thereof and also to help maintain clear passageways and maintain high standards of local housekeeping and hygiene.
- ❑ Do not smoke in designated "No Smoking" areas and dispose of spent matches, cigarette ends etc. properly.
- ❑ Know the location of the First Aid Box.
- ❑ Ensure that you know the procedure in the event of a fire.
- ❑ Report any accident or damage, however minor, to management.

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2.6 SUB CONTRACTORS (Generally used when ABC Company engage sub-contractors on their behalf).

The following responsibilities are allocated to contractors to whom ABC Company assigns work on their behalf:

- All contractors must submit their Safety Policies and Insurances to ABC Company for approval prior to being awarded any works.
- All Contractors will be expected to prepare a Method Statement appropriate to the works they will be engaged in.
- Where Appropriate no contractor may be allowed to commence work on a client site prior to being issued a Permit to Work by the Client.
- All contractors will be expected to comply with the ABC Company Policy for Health, Safety and Welfare and must ensure that their own Company's policy is made available to the ABC Company and the Client whilst work is being carried out.
- All work must be carried out in accordance with relevant statutory provisions, the Company's Contractor's Rules and taking into account the safety of others on the Client site.
- All staff sent to work at a Client site by a contractor must have received appropriate health and safety training from their employer. They must also have access to relevant Risk Assessments and method statements as necessary.
- Scaffolding and other access equipment used by contractors' employees must be erected and maintained in accordance with Regulations and Codes of Practice.
- All plant and equipment brought onto site by contractors must be safe and in good working order, fitted with any necessary guards and safety devices and with any necessary certificates available for checking.
- No power tools or electrical equipment of greater voltage than 110 volts should be brought onto site. All transformers, generators, extension leads, plugs, and sockets must be suitable for industrial use and in good condition. If it is necessary to use equipment operating from a 240-volt supply, a residual current device with a rated tripping current of 30 mA and operating 30-m secs must be used.

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- Any injury sustained by a contractor's employee must be reported immediately to management at ABC Company and the Client's H&S Manager.
- Contractors must comply with any safety instructions given by ABC Company management.
- ABC Company must be notified of any material or substance brought onto the Client site which has health, fire, or explosive risks. Such materials must be stored and used in accordance with current recommendations.
- Contractors must take all reasonable steps to avoid interference by mobile plant.

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ARRANGEMENTS FOR SAFE WORKING

PART 3

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3.1 RESOURCES

ABC Company recognises that for the effective implementation of the safety procedures and policies laid down in this Safety Statement, adequate resources and funding must be made available.

ABC Company undertakes:

- To ensure that adequate numbers of suitably trained staff are available to undertake all work activities carried out by the company.
- To include health and safety considerations into all annual estimates for the running of the company.
- Undertake that in so far as is reasonably practicable resources shall be made available for any upgrading, maintenance, replacement and repair of facilities
- Undertake to provide resources for the ongoing monitoring of health and safety and for the provision of information and training of all staff in health and safety.

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3.2 SAFETY INDUCTION

This procedure will be carried out by ABC Company at the work place where the new employee will be required to work.

Apart from explaining to the new employee what he/she will be required to do and to whom he/she will be directly responsible the following points require highlighting:

1. Show new employee where the Safety Statement is kept, explain its purpose and ensure that the employee is aware of his/her responsibility.
2. Advise new employee of any potentially dangerous areas in the work place.
3. Warn new employee of any prohibited actions in the work place, e.g. operating machinery unless authorised to do so.
4. The training and instruction required for each individual must be considered. The Foreman will arrange for specific training to be given to an employee.
5. Show new employee the location of the First Aid Box and explain the procedure in the event of an accident, in particular the necessity to record accidents, however trivial they may appear at the time.
6. Demonstrate to the new employee the fire and evacuation procedure and assembly points.
7. Instruct the staff member in relation to any job specific risk assessments.

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3.3 TRAINING

HAZARDS

Inadequately trained staff are a hazard to themselves and their co-employees. ABC Company shall identify the training needs of their staff and ensure they are fulfilled.

It is the Policy of ABC Company that every employee will receive safety training on an ongoing basis. All new personnel will receive safety training as part of their induction. Staff training is not only concerned with imparting facts but also with notifying staff to face up to their responsibilities and to be equipped to deal with emergencies.

Training will include safety induction and safety awareness, manual handling training and First Aid training.

ABC Company will keep training records to include:

1. Name of the employee being trained.
2. Date of training.
3. Training details.
4. Signature of the trainer and employee to ensure that the training has been carried out, documented and understood.

Staff will be trained to spot and act on hazards and encouraged to consult with management on health and safety issues.

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3.4 SAFETY CONSULTATION

Section 13 of the 2005 Act places a general obligation on ABC Company as employer to consult with and to take account of any representations made by the employees for the purpose of giving effect to its statutory duties.

To facilitate consultation on issues relating to the individuals safety at work, the company operates a Suggestion or Query form.

A folder of blank forms is held in the company vans. Staff members complete a form as needed. The forms are reviewed on a weekly basis by Manager 1.

Manager 1 will seek more information as necessary from the relevant staff member and will then agree any actions arising from the Suggestions or Concerns if necessary.

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3.5 SAFETY REPRESENTATION

In agreement with the 2005 Act the employees may select and appoint a person, to be called a Safety Representative, from their numbers at their place of work to represent them in consultations with ABC Company.

However, at the moment, it has not been necessary to elect a Safety Representative. As the company grows it is accepted that this position may change.

The rights of the Safety Representative include:

1. Information from the employer as necessary and particularly from the Safety Statement, to ensure the Safety Health and Welfare of employees.
2. To be informed by the employer of a visit by the H.S.A. Inspector.
3. Investigate accidents and dangerous occurrences provided it does not interfere with the performance of any statutory obligation required to be performed by any person.
4. Make representations to and receive advice from the H.S.A.
5. Carry out inspections and investigate hazards and complaints subject to agreement.
6. Accompany a H.S.A. Inspector on any visit except when this is for accident investigation.
7. Time off as may be reasonable to act as Safety Representative or to acquire the knowledge to carry out that function.

ABC Company will facilitate the Safety Representative in carrying out their functions as defined in the Act and as outlined above.

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3.6 FIRST AID

CONTROL MEASURES

The first aid box should be suitably marked and easily accessible.

The exact location of the First Aid box must be known by all employees and a specific notice, identifying its whereabouts, must be posted to include names of qualified First Aiders.

It is the company's policy that First Aiders shall be appointed who have certificates of qualifications in Occupational First Aid to ensure adequate cover for all activities.

The first aid boxes are suitably marked and easily accessible. The location is follows;

- ❑ **General office**
- ❑ **Vehicles**
- ❑ The First Aid Boxes is inspected on a weekly basis by the driver. This check and replenishment is recorded and kept on file.
- ❑ When employees are carrying out an installation at a Client premises, they shall seek the advice and assistance of the Client First Aider if necessary.
- ❑ It should be noted that First Aiders are not empowered to dispense analgesics, pills, or medications. Supplies of such items will not be in first aid boxes. Individual employees who believe they might have a need of these items must be responsible for their own supplies.

First aiders

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The following contents are required in a first aid box:

- ❑ Card giving general first aid guidance.
- ❑ Individually wrapped sterile adhesive dressings.
- ❑ Sterile eye pads, with attachment, e.g. Standard Dressing No. 16 BPC.
- ❑ Triangular bandages (sterile).
- ❑ Safety pins.
- ❑ Blue Plasters
- ❑ A selection of Unmedicated wound dressings which should include:
 - ❑ Medium size sterile unmedicated dressings (approx. 10cm x 8cm, e.g. Standard Dressings Nos. 8 and 13 BPC).
 - ❑ Large size sterile unmedicated dressings (approx. 13cm x 9cm, e.g. Standard Dressings Nos. 9 and 14 BPC and the Ambulance Dressing No. 1).
 - ❑ Extra large sterile unmedicated dressing (approx. 28cm x 17.5cm, e.g. Ambulance Dressing No. 3).
- ❑ It is also recommended that a pair of latex gloves be included in each first aid kit for use by the first aider.

PROCEDURE & RECORD KEEPING

- ❑ In the event of an accident, a qualified first-aid person will be responsible for dispensing any first aid material.
- ❑ All issues of first aid consumables and the relevant treatment must be entered on the accident report form.
- ❑ The relevant trained first-aid person with Manager/Supervisor on duty will be responsible for completing the form.

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3.7 REPORTING OF ACCIDENTS, DISEASES AND DANGEROUS OCCURRENCES

All accidents and dangerous occurrences must be reported.

❑ ***Accident report Form***

- ❑ The accident report form must be completed for all accidents. Copies of this form are available from the Foreman.

❑ ***Health & Safety Authority***

- ❑ If an accident occurs either at the place of work or related to a place of work or work activity and causes loss of life to a person who is employed by the Company or disables any person for more than three days from performing his/her normal duties of employment, then written notice must be given to the Health and Safety Authority by Manager 1.
- ❑ If the accident is fatal, then the scene of the accident must be left undisturbed for three days after notice has been given, other than for rescue purposes.

CONTROL MEASURES

❑ ***All Accidents, near misses and Dangerous Occurrences***

- ❑ Management, in consultation with the First Aid person, will decide upon the immediate action required in the event of an accident. A medical opinion should be sought in all but the most trivial of injuries.

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3.8 WELFARE FACILITIES

The Client's Site Management will ensure that adequate welfare facilities are provided on the premises for all personnel.

Adequate toilet facilities shall be provided and maintained in a good clean hygienic condition.

Adequate washing facilities and washing and drying materials/equipment shall be provided and maintained.

Arrangements for eating foodstuffs shall be provided in the form of a canteen/tea room facility on the premises.

An adequate supply of drinking water shall be provided on the premises.

Adequate cloakroom facilities shall be provided for the storage of wet coats, etc. at the installation location.

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3.9 PERSONAL PROTECTIVE EQUIPMENT

ABC Company shall ensure that all employees use Personal Protective Equipment where required.

HAZARDS

- Physical Exposures
- Chemical Exposures
- Machine exposures

CONTROL MEASURES

All safety equipment purchased by the Company will be to approved standards.

ABC Company will ensure that adequate supplies of all the necessary protective clothing and equipment is available for issue as required and that when issued to employees, a signature is obtained for the equipment.

Management will inform any person in the workplace observed carrying out any procedures which require the use of protective clothing or equipment of both statutory and Company Policy requirements and such persons will be instructed not to continue working until protective clothing or equipment is obtained and used. This applies not only to all employees (including management) but also to contractors.

All PPE is signed for upon issue and replacement PPE may not be issued unless the damaged item has been returned for inspection.

3.10 PERMIT TO WORK SYSTEM

ABC Company Permits are not relevant on client sites. ABC Company' staff will complete site permits as required by the Client's Safety Manager.

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3.11 SMOKING POLICY

The Public Health (Tobacco) (Amendment) Act 2004 became law on Monday 29th March 2004. This means that smoking will not be permitted in any enclosed workplace.

In order to comply with the above legislation and for other Safety and Health reasons, it is the policy of ABC Company that all of our work areas are smoke free. The Organisation recognises that all employees have a right to work in a smoke free environment. All staff have a legal obligation to comply with the legislation. Smoking is prohibited throughout the workplace with no exceptions. This policy applies to all employees, trainees, consultants, contractors, customers and visitors who enter the premises of ABC Company.

IMPLEMENTATION

The overall responsibility for the implementation of this policy rests with the occupier, manager or other person designated, for the time being, in charge of the workplace. All staff have an obligation to adhere to, and facilitate the implementation of this policy.

The person in charge for the Client site is Client H&S Manager. He/She shall inform all existing employees, trainees, consultants and contractors of the policy and their role in its implementation. All new and prospective employees, consultants and contractors shall be given a copy of the policy on hiring, recruitment/induction by the person in charge.

INFRINGEMENTS

Infringements of the No Smoking policy will be dealt with, in the first instance, under employee disciplinary procedures. Employees, trainees, consultants, contractors, customers and visitors who contravene the law prohibiting smoking in the workplace are also liable to prosecution.

SMOKING CESSATION

Information on how to obtain help quitting smoking is available from the National Smokers Quitline on callsave 1850 xx/xx/xx03 or the Health Promotion Department of local Health Boards.

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3.11 DRUGS AND ALCOHOL POLICY STATEMENT

ABC Company recognises that alcohol, drugs, or other substance abuse by individuals can have an adverse effect on their ability to perform work and consequently put themselves, ABC Company and others at significant risk.

All Employees, Contractors, Sub - Contractors and Visitors must be able to perform their duties whilst on ABC Company business, or when they are in ABC Company premises/ work areas in such a manner that will not affect their safety or the safety of others by acts or omissions.

If ABC Company has reasonable grounds to suspect that an Employee or Contractor or Sub Contractor is under the influence of alcohol or drugs (illegal or misused legal substances), disciplinary action will be taken which may lead to dismissal of the individual concerned.

The possession, distribution or sale of drugs or any associated materials whilst you are on ABC Company property or other off site locations, will lead to disciplinary action being taken.

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3.13 Bullying at Work Policy

ABC Company recognises and accepts his responsibilities as an employer to provide a safe and healthy working environment for employees. As part of the policy of maintaining good employer practice, ABC Company wishes to clearly state that bullying of any kind will not be tolerated.

Bullying at work is defined as: 'Persistent criticism and personal abuse, both in public and in private which humiliates and demeans the individual, gradually eroding their sense of self. Bullying can be best described as repeated inappropriate behaviour, whether verbal, physical, or otherwise, conducted by one or more persons against another or others, at the place of work and/or in the course of employment, which could reasonably be regarded as undermining the individual's right to dignity at work. An isolated incident of the behaviour described in this definition may be an affront to dignity at work, but as a once off incident is not considered to be bullying.

ABC Company will strive to ensure that all employees are free to perform, their work in an environment, which is free from threat, harassment and intimidation. All complaints of objectionable or offensive behaviour should be made to Manager 2 or the Safety Representative.

Manager 2 gives the undertaking that he will investigate all complaints sensitively and will resolve locally, if possible, the source and cause of the bullying behaviour. If the circumstances warrant it, the Company will not be deterred in invoking the formal disciplinary / grievance procedures.

All employees are invited to strive in ensuring that our working environment remains a pleasant and friendly atmosphere.

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3.14 Young persons and inexperienced workers policy

ABC Company does not employ Apprentices. ABC Company does not employ inexperienced workers. ABC Company do not offer work experience places to local schools, colleges, etc. All technical employees have trade qualifications and are experienced in their profession.

New employees who are experienced in their profession/trade receive in-house induction training and spend an agreed period of time working with experienced staff before being allowed to operate alone.

All workers on construction crews are subject to specific site inductions by the relevant site managers or safety managers.

Construction crews are supervised at all times by an experienced foreman.

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HAZARD IDENTIFICATION AND CONTROL MEASURES

PART 4

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4.1 HAZARD INSPECTIONS

The management of the Company recognises that its activities and premises may present Health and Safety risks and shall identify the areas where control measures are required. Identification of hazards shall be undertaken at regular intervals and management shall take all practicable control measures to reduce the risks to its staff and visitors.

Hazards will be identified, risk assessments made and categorised as per our risk assessment formula.

HAZARD IDENTIFICATION AND RISK ASSESSMENT

- ❑ The policy of the Company is to identify hazards in the place of work and to assess the risk to Safety and Health and to control risks as far as is practicable so that they are reduced to an acceptable level.
- ❑ "Hazard" is taken to mean "any substance, article, material or practice, which has the potential to cause harm to the Safety, Health or Welfare of employees at work."
- ❑ "Risk" is taken to mean "the potential for the hazard to cause harm in the actual circumstances of use."
- ❑ Risk Assessment is based on the linking of the probability of occurrence with the severity of loss and/or injury. In this exercise, risks are graded "High," "Medium" or "Low" and numerically rated using the formula below. This is to help with the giving of priority to the employment of controls and the allocation of resources.

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The formula to be used for conducting risk assessments, assessing the risk from observed infringements/hazards or after an Audit, is shown here. Very minor injuries should score 1 while very serious ones will score higher, personal judgement is needed here. Likewise with the likelihood, 1 is very unlikely that anybody would be exposed to the hazard, while 7 means definite exposure to the hazard. Again personal judgement is needed.

Once the two scores are agreed they should be multiplied, thus giving a risk rating between 1 and 42.

Scores:

1-6 = Very Low risk

7-12 = Low Risk

13-18 = Low to Medium Risk

19-24 = Medium risk

25-30 = Medium to High Risk

31-36 = High Risk, stop the activity and implement immediate controls.

Over 36 = Very high Risk, stop the activity and implement immediate controls.

Risk Calculation Matrix

	How likely is an injury						
How serious will the injury be	1	2	3	4	5	6	7
1							
2							
3							
4							
5							
6							

Notes:

Hazards = Things that can cause and injury.

Risk = The likelihood of an injury happening.

□ Risk Control.

Control measures are intended to reduce the risk to an acceptable level.

- Where practicable the Company commits itself to the elimination of hazards, whether that is by the provision of access arrangements, machine guarding or the provision of special tools etc.

This approach will take into account normal good practice within this sector of industry and the standards and guidelines where these are available.

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4.2 FIRE

FIRE HAZARDS

Fire and Emergency plan for the Client site will be followed by the ABC Company employees. However, in general, the fire safety arrangements for ABC Company are set out below.

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

A Fire Safety Programme shall be developed when appropriate by management to:

- (a) Guard against an outbreak of fire
- (b) Ensure as far as is reasonably practicable the safety of persons (including members of the public) on the premises in the event of an outbreak of fire.

The Fire Safety Programme shall incorporate arrangements for:

- (a) The prevention of an outbreak of fire through the establishment of day to day fire prevention practices.
- (b) The instruction and training of staff to familiarise them with fire and emergency evacuation procedures, fire call points and use of fire fighting equipment.
- (c) Taking part in client fire and evacuation drills.
- (d) The provision and maintenance of escape routes, free from obstruction and all exits unlocked and operational.
- (e) The provision of adequate fire protection equipment and systems.
- (f) The inspection and maintenance of the fire protection equipment systems.

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- (g) The provision of assistance to the fire authorities.
- (h) The maintenance of good housekeeping practice to ensure the removal of all combustible rubbish.
- (i) The testing and maintenance of portable heating appliances, and ensuring that all electrical equipment is switched off and unplugged when not in use.

4.2.1 FIRE FIGHTING EQUIPMENT

The purpose of portable fire fighting equipment is as follows:

1. Extinguish incipient fires
2. Protect means of escape in case of fire
3. Protect employees and visitors
4. Protect property.

Portable Fire Extinguishers

Portable fire extinguishers will be provided in sufficient numbers to give adequate cover as per the advice of our Fire Protection Company.

Action in the event of fire

1. Clear everyone from the immediate vicinity of the fire except those actually authorised to engage in fire fighting.
2. Alert other staff in the immediate area of the fire. Contact the Fire Brigade, giving them the address clearly and any other directions necessary. Advise the Client Manager or Deputy pending arrival of the Fire Brigade.
3. If there is no danger by doing so, try to put out the fire with the apparatus provided, but remember our equipment will only be effective on a small fire - you must catch it before it gets hold.
4. Use the break glass fire alarm.
5. The manager of the area will order evacuation of the building as soon as it becomes apparent that the fire or smoke is spreading.

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6. Employees should not delay their departure to collect personal belongings from another part of the building and should assemble at the designated assembly point so that they can be quickly accounted for.
7. Make sure that the building is cleared of employees and visitors. Close doors. See that no unauthorised person enters the building.

4.2.2 MEANS OF ESCAPE IN CASE OF FIRE

It is essential that escape routes be established, clearly identified and maintained available for use and that the protection afforded them is not impaired in the operation of the premises.

No person shall obstruct a means of escape. Fire exit routes and doors must never be obstructed.

4.2.3 FIRE DRILL

Staff will partake in Client fire drills as necessary.

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4.3 ACCESS AND EGRESS

HAZARDS

ABC Company staff will adhere to all rules regarding access and egress on the Client site. However, set out below are the general arrangements for the company.

Inadequate access and egress facilities can result in:

- Restriction of an orderly evacuation of the premises
- Trips and falls
- Obstruction of emergency exits

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

Parking area shall be provided for private cars at client sites.

Safe walkways shall be maintained from site entrances to working areas, this will include directional signs.

Pedestrians shall be segregated from vehicles wherever possible.

All doors and access points shall be kept clear and maintained.

All passageways shall be kept clear of obstruction.

All floor covering and surfaces shall be kept clean and in good condition.

Adequate lighting shall be provided at all entry, exit points and along corridor and passageways.

Waste shall be removed regularly and systematically stored in a secure place until collected for disposal.

It is vital that all fire escape routes are not obstructed at any time.

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4.4 HOUSEKEEPING

HAZARDS

Poor housekeeping can pose a wide variety of risks to health and safety.

- Trips:- Materials left lying in the open
- Slips:- On a greasy floors, slippery material strewn around
- Falls:- Use of materials for accessing higher work areas.
- Collisions:- Blockage of access aisles with materials
- Objects falling on people:- Improper stacking of materials
- Fire:- Inadequately and infrequent disposal of combustible rubbish.

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

Staff will ensure that access routes are planned, and storage is programmed to ensure that excess materials are not stored on site, storage areas are defined, staff/sub-contractors are made aware of the Company requirements with regard to storage, clearing up and tidiness.

Employees must maintain the workplace in a tidy condition at all times.

Supervisors will ensure that stacking areas are prepared and that materials are stored so as not to create difficulties.

Employees will ensure that all waste materials in and around the premises are cleared and disposed of safely.

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4.5 MANUAL HANDLING

HAZARDS

- Incorrect method of lifting
- Attempting to lift something which is too heavy
- Lifting sharp/awkward shapes

The main injuries associated with manual handling and lifting are:

- Back strain, slipped disc.
- Hernias.
- Lacerations, crushing of hands or fingers.
- R.S.I.
- Bruised or broken toes or feet.
- Various sprains, strains, etc.

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

Loads which must be manually handled shall be assessed on the basis of their risk to health and safety and due caution exercised where there is a risk of back injury etc. The method of handling shall take account of the size, weight, shape, condition and position of the load to be handled.

Where possible measures shall be taken to reduce the amount of manual handling to a minimum and mechanical handling devices supplied and used in so far as is reasonably practicable.

All appropriate staff shall be trained in safe manual handling techniques.

Where loads have to be manually handled, safe access shall be assured.

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Precautions**1. Manual Lifting Procedure****1. The Lift**

The key factors in safe lifting are:

- a) balance
- b) position of back
- c) positioning of the arms and body
- d) the hold

a) Balance

Since balance depends essentially upon the position of the feet, they should be apart about hip breadth with one foot advanced, giving full balance sideways and forward without tension.

In taking up this position, lifting is done by bending at the knees instead of the hips and the muscles that are brought into use are those of the thigh and not the back.

b) Position of the Back

Straight - not necessarily vertical

The spine must be kept rigid and straight, but not necessarily vertical. The spine can be kept straight if it is within 15 to 20 degrees from the vertical. This, coupled with a bent knee position, allows the centre line of gravity of the body to be over the weight, so reducing strain.

c) Position of the Arms and Body

The further the arms are away from the side, the greater the strain on the shoulders, chest and back. The elbow must at all times be close to the body, arms should be straight when carrying a load. One hand should be in advance of the other, whichever foot is

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placed forward, the same hand is extended, the other hand is kept close to the body. This position ensures that the elbows are into the sides. This coupled with the correct foot position ensures a safe and easy fit.

d) Arms close to the Body

The further the weight is away from the centre line of gravity of the lifter, the greater the strain. At all times get close to the weight and try to make it part of you.

e) The Hold

When grasping a weight, one often hears the phrase "get a good hold". A good hold means a grasp with the roots of the fingers, not just the tips, plus contact of the weight with the palm of the hand.

Never forget that size and build has no bearing upon the amount any one individual can lift. Everyone should know their own capabilities and should never attempt to exceed them. If in doubt get help, it is far better to be safe than sorry.

Besides these key factors, there are other important points to remember.

2. Centre Line of Gravity

It is essential that the weight of object and the centre line of gravity of the lifter should be as close as possible to one another. This reduces strain, discomfort and the likelihood of loss of balance during the course of the lift.

3. Testing the Weight

When in the initial position for the lift, the lifter should test the weight of the object to make sure it is within his capability and not too heavy for one man to lift. Many accidents happen when a person raises an object a few inches off the floor, realises it is too heavy and lets go.

4. The shape of the weight

Note the shape of the object. It should be turned, if possible, so that the shortest measurement of rectangle is nearer to the centre line of gravity.

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5. Movement.

The movement should be controlled and smooth. The weight should be kept close to the body.

Rhythm plays an important part in reducing tension and creating relation.

Before moving any loads, the job should be sized up and possible hazards moved or rectified.

An inspection of the load itself must be made to ensure that it can be moved without danger to the lifter or others.

The following check list can be usefully applied to all lifting jobs:

- if the load is heavy or too large for one person to handle, help should be obtained from a work-mate of similar physique
- jerking a load will add a little extra force, but it will also cause severe strain to the arm, back and shoulder
- even if a load is light in weight, it is dangerous to carry if it is large enough to obscure vision
- loads should not be pushed onto stacks above chest level. If a stack is this high, stand on a sturdy platform
- if the load to be lifted exceeds half the weight of the person lifting it, it is more than likely that the individual will lose his/her balance.

Note: if in doubt when lifting **GET HELP**.

TRAINING

Any employee whose job involves any manual handling shall be trained to allow him/her to carry this out safely. The extent of the training will depend on the type of lifting in which they are involved.

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4.7 ELECTRICITY

ABC Company' employees will adhere to the controls that are put in place by the safety manager for the Client site. Set out below are the general controls for the company.

HAZARDS

- Electric Shock
- Fire
- Trips or falls from loose cables

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

To ensure that all electrical equipment used by the company is in safe condition.

CONTROL MEASURES

Dangerous or defective cabling should be replaced or remedied in accordance with the E.T.C.I.'s rules. It is important that all extensions, alterations and repairs to electrical circuits are carried out in a proper manner in accordance with E.T.C.I.'s rules.

- All new electrical installations and all extensions are tested and certified as safe, by a competent qualified electrician
- Electrical installations are checked regularly by a competent qualified electrician
- Testing, certifying and repairs are carried out in accordance with appropriate Electro Technical Council of Ireland (E.T.C.I.) standards
- Enclosures/covers are in place to prevent contact with live electrical equipment/parts
- Damaged extension leads are repaired or removed from use
- Means of cutting off power to electrical installations and equipment e.g. fuses, trip switches, are provided and employees are aware of their locations
- Work on live electrical equipment is avoided where reasonably practicable
- Fire extinguishers that are suitable for fighting electrical fires are provided
- All circuits supplying socket outlets are protected by a Residual Current Device (RCD)

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- Operation of the RCD is tested regularly in accordance with the manufacturer's instructions
- Where electrical portable appliances are subject to ongoing wear and tear, they are inspected and tested
- Any scorch marks associated with an electrical appliance or electrical wiring is checked urgently by a competent person

WIRING STANDARDS

All new fixed and temporary wiring will be to the latest Irish standards and, where practicable, in compliance with the national rules for electrical installations.

Precautions to be included either are or will be as follows:

- All portable electrical equipment shall be tested annually by a competent person to ensure safety.
- Flexible cables will also be adequately protected against external mechanical damage.
- Flexible cables for portable equipment will be properly mechanically restrained within plugs and couplers.
- Enclosures, plugs etc. should be maintained as part of the portable appliance of which they form part, but damaged leads, plugs, etc. should not be allowed to remain in service should the equipment not be due for maintenance.
- A record should be kept of each item of equipment so that maintenance can be scheduled and recorded.
- Where appropriate all equipment not in use to be switched off, especially at the end of a working, unless of a specialist type, e.g. servers, etc.
- Sufficient sockets shall be provided to prevent overloading by use of adapters. Proper plugs shall always be fitted to electrical appliances and flex firmly clamped.
- Frayed and damaged cables shall be replaced immediately.
- Flexible cables should not be run across floors. Where damage at floor level to other cables is possible, protection by ramps, conduit or armouring will be considered and applied.

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4.8 OFFICES

HAZARDS

- While office work may not be considered as a high-risk activity unsafe work systems and layout may result in injury or illness.

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- This section is not applicable as ABC Company will not be maintaining an office on the Client site.

4.9 VISUAL DISPLAY UNITS (VDU'S)

HAZARDS

The main problems that may be associated with VDU's are as follows:

(a) Visual Discomfort

This recognises a contribution from a number of ocular problems:

- (1) long/short sight problems
- (2) glare
- (3) lighting
- (4) screen brightness
- (5) clarity of characters.

(b) Posture

Good adjustable seating is required and it is essential to consider ergonomic factors.

(c) Radiation

Radiation levels across virtually the whole of the electro-magnetic spectrum are below internationally accepted exposure limits when tested under extreme conditions, i.e. close to the screen.

(d) Stress

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The work at a VDU can be repetitive and monotonous. This is not exclusive to VDU users as mental stress is associated with all types of work.

On the basis of available evidence, the 'health hazards' associated with VDU's are largely exaggerated in the sense that they are unlikely to cause irreversible long term damage as opposed to varying degrees of discomfort.

Risk Assessment:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- ❑ Each workstation shall be assessed to ensure the individual's health is not likely to be put at risk.
- ❑ The Display Screen Assessment sheet in the appendix shall be used for this purpose.
- ❑ Be sure that VDU screens meet the appropriate criteria for performance, brilliance, character design, etc.
- ❑ The intensity of the beam, the brightness of the dots against the background and their time persistence are the most important determinants of operator 'safety'.
- ❑ This underlines the importance of keeping VDU's in good condition.
- ❑ It is important that chairs are correctly selected and used and that their siting is at an optimum distance from the machine.
- ❑ Lighting, ventilation and temperature must be carefully controlled to provide satisfactory environmental conditions.
- ❑ There should be a restriction on continuous use:
 - ❑ Over two hours with pauses of between 5-10 minutes before further use.
- ❑ In this respect, short, frequent intervals are more beneficial than infrequent long breaks.
- ❑ The total time of continuous work at a VDU should be restricted to 6 hours per day.
- ❑ Vision should be tested before operating a VDU and at yearly intervals, or earlier if symptoms are experienced. Spectacle wearers should consult their optician.
- ❑ Epileptics should see a medical adviser before starting work.
- ❑ If there is any untoward incidence of VDU related problems medical advice must be sought.

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4.10 HAZARDOUS SUBSTANCES

HAZARDS

Health hazards from substances can be divided into the following categories:

- External contact - corrosive, skin absorption, dermatitis.
- Inhalation - gases, fumes, vapours.
- Ingestion - swallowing.

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

Almost all chemical materials are potentially dangerous. Although they may find their way into day to day use, it is usually a very diluted or otherwise modified form. When any substance is being used it will be risk assessed on its own and in full consideration of the application requirements and the Material Safety Data Sheet.

Notwithstanding that the following general rules should always apply:

- Chemical products must never be allowed to come into eye contact. Contact with skin and mucous membrane must likewise be avoided. Wear protective equipment and clothing supplied. Always observe good industrial hygiene practice.
- Do not swallow materials or use in areas where food is being consumed. Smoking is also prohibited during application and curing.
- Inhalation of chemical vapours or dust should be avoided. Adequate ventilation must be provided. Suitable respiratory protection will be provided if appropriate.
- Facilities for the washing and cleansing of the skin must be made available with the necessary cleansers and barrier creams.
- Store all products in ventilated areas away from extremes of temperatures and environment.
- Clean all spillages instantly and dispose of waste and used containers properly.
- Except for transport in closed packages, only authorised personnel must handle materials.
- Ensure the correct equipment for handling the products is available.

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- If any person handling the materials shows the symptoms, which may possibly have been caused by exposure to chemical products, they should be removed from the area and medical advice sought without delay.
- Read the data sheet, container labels, and detailed health and safety information before using any products.

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4.11 General Construction work

Note: All site work is subject to individual assessment and the production of a method statement to cover the tasks and activities of the specific job. Set out here are common controls measures and hazards.

HAZARDS

- Multi hazard

RISK ASSESSMENT: As per individual assessments

To ensure that the activities of staff does not create a hazard.

CONTROL MEASURES

- All employees will be fully qualified in their areas of expertise.
- Copies of the qualifications will be kept on file.
- All employees will hold skills cards as appropriate.
- Areas of exclusion will be set up to ensure no accidents may happen to third parties.
- All portable tools shall be battery operated or 110V only.
- Housekeeping practices will ensure that all areas are kept clean during the working day and the area will be left clear at the end of the working day.
- Where it is necessary to leave work unfinished at the end of a working day, relevant signage and/or barriers will be put in place.
- ABC Company employees do not engage in general electrical work.
- Work areas and machinery will be kept clean and tidy at all times.
- Work areas will be subject to the H&S inspections.
- Personal Protective Equipment comprised of Gloves, Knee Pads, Masks, Safety Boots and Hi Viz will be worn as relevant for the particular type of hazard.

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4.12 Abrasive Wheels

Hazards

- Disc bursting due to:
 - Incorrect disc fitted
 - Disc fitted incorrectly
 - Faulty / damaged disc fitted
- Wrong disc fitted / used for purpose
- Hand or leg injuries from unsafe use by inexperienced or incompetent persons
- Eye injuries to operator or those nearby from projectiles emitted
- Severe injuries due to wheel bursting

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

- Users of abrasive wheels equipment must be trained and certified
- Wearing of appropriate PPE i.e. goggles or visor (safety spectacles not adequate), appropriate dust mask, gloves and hearing protection
- Machines to be well maintained - if damaged / faulty they are to be reported to foreman immediately and repaired without delay
- Guards to be in good order and **NOT REMOVED**
- Funnel to be used for fuelling to avoid accidental spillages onto machine causing potential fire hazard
- Appropriate machine to be used for job i.e. in limited spaces use 4" angle grinder in lieu of regular size
- Check if atmosphere it is being used in is suitable for type of machine used i.e. if explosive atmosphere or confined space do not use petrol driven Consaw or electrically operated angle grinders. Compressed air machines to be used
- Always check that a grinding wheel's RPM rating is consistent with the speed of the grinding machine.
- Before mounting a grinding wheel on a machine, make sure the power is turned off at the power point switch and the plug removed.
- Occasionally a new wheel is cracked or flawed, and is likely to shatter as soon as it is used. New wheels should always be visually checked and given a resonance test before being fixed

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to the spindle. Tap the side of the wheel with a small tool. It should have a clear ring. A dull noise indicates a flaw.

- Ensure the hole in the grinding wheel fits closely on the spindle.
- When a wheel has been newly fitted between appropriate washers and flanges, rotate it by hand to check the balance before switching on the power to use the machine.
- Unless flanges and washers are evenly seated on either side of the wheel before the locking nut is tightened, the wheel can crack and shatter.
- Always ensure that the wheel has a soft washer or "blotter" on either side to distribute clamping pressure when the nut is tightened.
- Avoid over-tightening the locking nut, as this can exert hazardous forces on the wheel.
- Avoid using grinding wheels designed for steel on materials that will clog the pores between the abrasive particles -for example plastic or aluminium.
- Unless the wheel is "dressed" with a special tool, when pores become blocked or it loses its cutting surface, the operator will have to press harder to achieve the same cutting effect, exerting forces that may cause the wheel to shatter.
- Pressing hard on a dulled wheel surface can produce excessive heat, which will cause the bonding material to glaze.
- Eye and ear protection should be worn for all grinding jobs, including dressing grinding wheels.
- Never remove guards from a bench grinder. They offer protection in the event of wheel failure, and protect hands and fingers from injury.
- The work rest on a bench grinder should be securely fixed and close enough to the grinding wheel to prevent the job slipping off. It should be adjusted as the disc becomes smaller through wear and dressing.
- Wheels should never be run in excess of the maximum speed recommended by the manufacturer.
- Abrasive wheels should be discarded:
 - When the diameter approaches that of the driving flanges.
 - When the work rest can no longer be correctly adjusted to the wheel diameter, or
 - When the wheel no longer cuts efficiently because of reduced peripheral speed.

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4.13 Welding and Flame cutting

Hazards

Bums Arc eye Fire

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

Person at risk:

Employees / Sub-Contractors / others

CONTROL MEASURES

- A hot works permit must be filled out and given to Safety Officer on site/s.
- Fire watch person must be present during welding and must have appropriate fire extinguishers to hand
- Area must be segregated and all combustible / flammable materials must be removed
- For arc welding equipment provide fuse protection and earth the work piece
- Use welding screens and eye protection
- Ensure there are no flammable materials in the area where the welding is going to take place
- Ensure the Oxyacetylene equipment has a flashback flame arrester and a non return valve
- Store cylinders upright and protect using chains on rack or trolleys

Person responsible:

Site Foreman

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4.14 Power tools

Hazards Identified:

Accidental electrocution from exposed wires
 Personal injury from incorrect use
 Personal injury from inadequate maintenance

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

Checks before use on all Power and Portable tools:

- Is the outside of the plug undamaged?
- Is the outside of the plug free from signs of overheating?
- Is the cable free from kinking and other mechanical damage?
- Is the same true of any extension cable and accessories?
- Is the cable securely clamped into the plug at one end and securely attached at the other?
- Is the casing of the tool free of obvious damage?
- Is there a label to say that the tool has been electrically tested within the past six months?

GENERAL CONTROL MEASURES

- Damaged cables with exposed wires must be removed from site immediately and replaced with new cables.
- Training must be given to users of power tools by a competent person (Tool box talk).
- Repairs must not be carried out on power tools unless that person is trained and competent to do so.
- Damaged power tools must be reported Site Foreman
- Don't use damaged, worn or dangerous tools;
- Always use the correct tool for the work being carried out.
- Inspect portable leads & extension leads before use, replace if damaged;
- Only use portable electrical equipment if powered through a 110 volt transformer;
- If power leads need to be extended ensure that the extension is on the transformed (110 volt) side of the power supply;
- Sharpen or get cutting tools sharpened regularly;
- Keep hands behind the cutting edge of cutting tools;
- Wear protective equipment where necessary -gloves, safety glasses, visor and safety boots;
- DO NOT wear gloves when using portable drills;

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- Keep cables tidy; don't leave cables lying on the ground;
- Quickly inspect tool before use -its cable, casing, power supply;
- Keep knives, chisels, screwdrivers and other sharp tools in safe places -- not pockets;
- Don't allow cables to trail across route ways of personnel or machinery;
- Don't remove safety devices from tools or equipment;
- Unplug tools when not in use.

TOOL SPECIFIC CONTROLS

When using drills.

- Always check the drill before plugging in.
- If the drill or lead is damaged it must be reported.
- Only competent persons can repair the drill.
- Always tie up or remove loose clothing, long hair, rings, and jewellery;
- Only use electric drills via a 110 volt transformer;
- Ensure that drill bits are regularly sharpened / replaced;
- Wear eye protection when drilling;
- Don't use electric drills with one hand use both hands;
- Use cloth or brush provided to clean off machine;
- Deburr drilled profile with a file or sandpaper, not by the bare hand;
- Brush down swarf off drill tables regularly;
- Keep work area clean;
- Never use bare hands for removing swarf or cut ends, wear gloves;
- Never operate the drill without the guarding in place;
- Remove the chuck key before starting;
- Clean work & vice to work table before starting.

When using Power Saws

ABC Company recognise that power/reciprocating saws are part of the works which employees may have to carry out from time to time and to ensure there safety ABC Company require all employees to be aware or made aware of the controls on power saws as listed below.

- Do not use the saw without checking it first.
- Follow the standard safety procedures applying to individual saws.
- Follow the standard safety procedures applying to machinery.

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- Operate saws with all the guards in position.
- Clean down saws regularly - only with a brush or cloth when saw is unplugged.
- Be aware of the emergency power cut off switches.
- Wear appropriate protective equipment, gloves and goggles or safety visor.
- Turn off all tools when finished.
- 110-volt equipment only to be used if electric or 220 on a RCB
- Do not use the saw above shoulder height or when off balance.
- Ensure that other people are at least 2-saw lengths away from the operator.
- Restrain all pieces being cut securely.
- Keep work area clear of debris.
- Watch out for falling cut pieces.

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4.15 Scaffold

Hazards

- Collapse of scaffold leading to personal injury
- Falls from heights
- Personal injury from falling materials

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Scaffold must be erected / altered / dismantled by a competent trained person.
- This person must hold a valid up to date CSCS ticket.
- Adequate signage or a Scaffold tag system must be in place, informing people of the condition of the scaffold e.g. 'Safe to use' OR 'Scaffold incomplete do not use'.
- Scaffold must be inspected every 7 days and the statutory form must be filled out after each inspection and kept in the Safety File.
- Scaffold must also be inspected after any adverse weather conditions and the statutory form must be filled out and kept in the Safety File.
- It is a criminal offence for anyone who does not hold a CSCS scaffold ticket to alter / dismantle / erect scaffold.
- If scaffold is sub contracted out then the company erecting the scaffold must supply the statutory form once completed to the required standards and inspected on a weekly basis.

Person responsible:

Site Foreman

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4.16 Working at height

Hazards

- Falls over edges
- Falls through the roof
- Items falling from work area
- Throwing waste material from roof etc.
- Overreaching
- Tripping Hazards on work area
- Collapse of unit
- Falls through opes
- Personal Injury due to unfamiliarity with premises/site

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Method Statement and Risk Assessment to be prepared before any work commences on a roof or at any height.
- Care must be taken when other contractors are present in the area
- Leave clear access and egress for other contractors on site to prevent slips / trips and falls
- All work at height will be must be carried out safely to protect workers and people below.
- All scaffold including mobile towers, must be of sound construction and erected by a competent person, this will include a copy of the statutory form.
- There is an onus on the employer providing the scaffold that it is safe for use by their employees
- Under certain circumstances Fall arrest equipment may need to be used
- Any work by sub contractors which involves working at any height must have a risk assessment and method statement and must be given to foreman.
- PPE, training, Fall Arrest systems, etc. to be fully implemented and used as per the specifics of the relevant method statement.

Person responsible:

Site Foreman

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4.17 Company vehicles

Risk Assessment

Likelihood	Severity	Risk Value
Score =	Score =	Result =

Risks Identified: Medium

- Personal Injury from inadequate maintenance / Checks on Company Vehicles
- Damage to property from inadequate maintenance / Checks on vehicles

DESCRIPTION

Five main hazards are addressed under the risk assessment: Road Traffic Accident, Manual Handling, Wheel Change, Mobile Phones and Vehicle Maintenance.

HAZARDS

1. Road Traffic Accident – Injury due to collision

CONTROL MEASURES

- Only suitably qualified and insured employees may operate company vehicles.
- They must always be driven within the rules of the road and the law.
- They must have a recorded and scheduled programme of maintenance, and must hold DOE certificates as necessary.
- No hitchhikers may be picked up at any time.
- Any breach of Road Traffic Acts will be treated with the utmost severity.

2. Manual Handling – Injury due to lifting and carrying.

RISK ASSESMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Good manual handling practice must be exercised in loading and unloading of the vehicle.
- Be very aware of your own capabilities

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- Be very careful of trap points on doors.
- Ask for help whenever practical and needed.
- Ensure all equipment is safely stowed in the vehicle so that it will not slide or shift forward in the event of an emergency stop

3. Wheel Change – Cuts, Bruises, MH injury, traffic passing by.

RISK ASSESMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Vehicle is issued with full wheel changing kits.
- The jack, screwdriver, spare wheel and tyre iron are usual vehicle equipment. The reflective jacket, torch and red triangle are supplied by the company.
- All of this equipment is to be properly maintained by the vehicle drivers.
- If a puncture occurs and a wheel change is needed do the following:
 - Turn on hazard lights
 - Pull in to the left-hand side of the road when safe to do so
 - Get out of the vehicle and go to the boot
 - Place the red triangle approx. 30 feet from the vehicle
 - It is imperative that the yellow jacket is worn even in broad daylight
 - If the puncture is on the left hand side of the vehicle proceed to change the tyre taking great care with regard to manual handling
 - If the puncture is on the right hand side of the vehicle try to angle the car slightly to give protection from oncoming traffic
 - When the wheel has been changed replace all equipment back in the vehicle in their original storage places
- Have the puncture repaired as soon as possible, especially if the spare is a temporary wheel

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4. Mobile phones – road traffic accident

RISK ASSESMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- At no time is it permitted to drive the vehicle while holding a mobile phone or receiving / sending text messages
- Training / instruction must be given to staff on the dangers of using a mobile phone while operating a vehicle

5. Vehicle Maintenance – RTA due to poor maintenance

RISK ASSESMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Maintenance / service carried out as per recommendations.
- A bi-monthly Health & Safety Vehicle Review will be made on the vehicle and a record kept in the Health & Safety folder
- Staff will occasionally be requested to carry out an assessment on the vehicle.

Vehicle to include the following:

- Current Vehicle Service Record
- Fire Extinguisher
- Torch
- Reflective Jacket
- Bin for litter
- Warning Triangle
- Emergency Breakdown/Accident phone number
- First Aid Kit Accident number

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4.18 Ladders

HAZARDS

Note: Ladders must only be used for short periods and only where there is no suitable alternative.

- Items falling from ladders
- Working from ladders
- Throwing waste material from ladders
- Overreaching
- Overbalancing
- Ladders Falling
- Falls from Ladders
- Electrocution
- Defective Ladders

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Ladders must be in good condition, free from defects and to be inspected by a competent person before ladder is to be used.
- Ladder must be positioned on solid ground - if metal check that caps on the feet are in place and in good condition.
- Ladders to be used the correct way up - strengtheners to be on the underside of rungs.
- Ladders should not be painted as this hides defects.
- The ladder must be sited on a level surface and securely tied on both sides near its upper resting place. If it cannot be tied at the top, it must be held by a person stationed at the foot of the ladder.
- Ladders must extend at least 1m over landing stage and set at a slope of 1 out to 4 up (75°)
- Workers to climb ladders with both hands free (i.e. not carrying materials)
- Move ladder along with work to prevent overreaching.
- If ladder or run of ladders >9m, an intermediate landing stage is to be provided.
- If working near overhead cables, do not use metal ladders.
- Only one person at a time on a ladder
- Class 1 heavy duty ladders to be used in construction.
- If a ladder cannot be properly repaired, it must be scrapped
- Do not stand on top 2 rungs of step ladder
- Extension ladders > 6m long, overlap of 4 rungs required

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4.19 Mobile Elevated Working Platform (MEWP)

Hazards

- Falls over edges
- Items falling from platform
- Throwing waste material from platform etc.
- Overreaching
- Tripping Hazards in platform area
- Collapse of unit
- Falls through opes
- Personal Injury due to unfamiliarity with premises/site

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Method Statement and Risk Assessment to be prepared before any work commences using a MEWP.
- Care must be taken when other contractors are present in the area
- Leave clear access and egress for other contractors on site to prevent slips / trips and falls
- All work at height will be must be carried out safely to protect workers and people below.
- MEWPS may only be operated by a person holding an appropriate skills card.
- Fall arrest equipment must be provided and used.
- All MEWPS must be inspected by a competent person before use and when first delivered to site.
- Before harness is issued to an operative employer must ensure that the operative has been trained in its Use and Inspection.
- Harnesses must be full body type
- Harnesses must be inspected visually on a monthly basis by a competent person and records of these inspection will be filed.
- Harnesses must be stored on a hook in a dry room.
- Harnesses must be in good condition and worn correctly.
- All MEWP operators must hold a valid up to date ticket (CSCS) (CITB).
- MEWPs are hired from Hire Companies when required.
- MEWPs must be accompanied by statutory forms on delivery.

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- Harnesses must be tested by a competent person and test certificates must be filed for inspection reasons.
- MEWPs must be used on stable ground to avoid overturning.
- MEWPs will not be used to gain access onto another floor.
- Controls must be guarded by a hoop to prevent accidental movement.

Person responsible:
Site Foreman

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4.20 Portable Generators

Hazards

- Electrocution
- Fire
- Fuel spill

Person at risk:
Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Are generally rated under 20 KVA
- Individually supply items of portable equipment
- Should have industrial-type sockets (IEC 309) located on the generator frame for connection.
- Sockets to have appropriate IP rating.
- Ear protection may be necessary depending on output and environment.
- Spill kits for fuel to be on hand.
- Fire extinguisher suitable to the generator risk and any nearby combustibles to be on hand.
- Generator to be subject to planned maintenance.

Person responsible:
Site Foreman

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4.21 Lifting operations and Overhead services

Hazards

- Falling materials
- Collapsing crane

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Method statement for all lifting operations detailing the specific risks and relevant control measures will be agreed for each lift.
- Site crane team will be responsible for ensuring that all sections are secure on the crane before lifting operations commence.
- General points to be observed in addition to the Method statements are
 - ABC Company staff do not operate cranes.
 - Cranes are operated on site by arrangement with site management and banksmen.
 - ABC Company staff that hold appropriate skills cards may use Teleporters under the direction of a banksman where necessary.
 - Safe working area to be enforced.
 - Only certified plant and equipment to be used.
 - Use of experienced and certified operators.
 - Tool box talks and site induction on works undertaken.
 - PPE to be worn at all times.

Overhead lines

Hazards

- Electrocution
- Undermining pylon structures

Person at risk:

Employees / Sub-Contractors / Visitors / Others

CONTROL MEASURES

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- All overhead lines shall be marked with goal posts and bunting.
- All pylons will be protected from instruction of ground works.
- Method statement for all work in the vicinity of overhead lines shall be drawn up.
- In very extreme circumstances it may be necessary to have the overhead lines powered down (de-energised)

Details from the ESB safety division:

SITE WHERE THERE WILL BE NO WORK OR PASSAGE OF PLANT UNDER A LIVE OVERHEAD LINE



- A barrier should run parallel to the line. (See below for distance from line)
- This may be fixed post fencing or steel drums filled with rubble spaced 1.5 metres apart.
- If cranes are in use a line of bunting at a height of 3 metres should supplement the barriers. (See below for distance from line)
- Danger notice stating "Danger Live Overhead Line" should be spaced at intervals.

SITE WHERE PLANT WILL PASS UNDER A LIVE OVERHEAD LINE

- In addition to the above, Goal Posts should be erected as shown

Dimensions as follows:

Height of goalposts

- As advised by ESB

Width of Goalposts

- Max. 10 metres.

Height of bunting

- 3 metres

Distance between steel drums

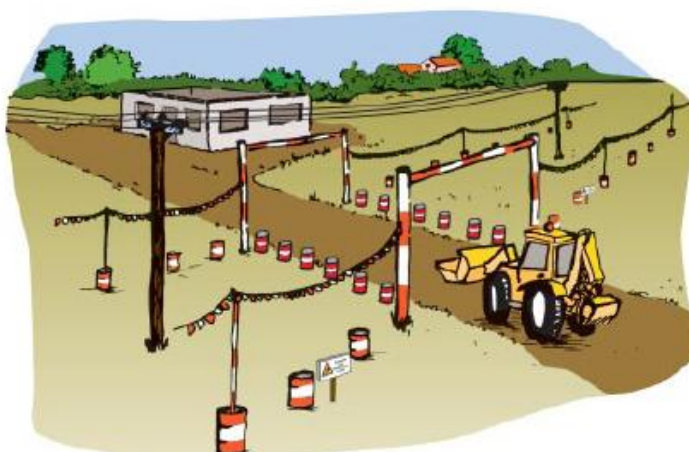
- 1.5 metres

Distance between danger notices

- 20 metres

Horizontal distance of barrier to outside conductor on line

- 6 metres minimum for LV, 10kV, 20kV, 38kV.
- 10 metres minimum for 110kV, 220kV, 400kV.



In general if work is to be undertaken directly under the line, ESB will insist that the line is switched off for the duration of the work.
 ESB may permit working under a live line only if special agreed precautions are put in place.
 Booklet (ESB Code 9803203) also available which gives greater detail.

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4.22 Steel Erection

Hazards

- Falling materials
- Collapsing crane/teleporter

Note: As every steel erection job is unique, a detailed method statement will be drawn up for the relevant site that identifies all risks and clearly sets out how they will be controlled. This method statement will be signed off and agreed with the site safety manager.

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Method statement for all lifting operations detailing the specific risks and relevant control measures will be agreed for each lift.
- Site crane team will be responsible for ensuring that all sections are secure on the crane before lifting operations commence.
- General points to be observed in addition to the Method Statement

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4.23 Groundwork, Excavations and Buried Services

Hazards

- Trench collapse
- Falling into trenches
- Gas explosion
- Electrocution
- Undermining structures

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

GENERAL CONTROL MEASURES

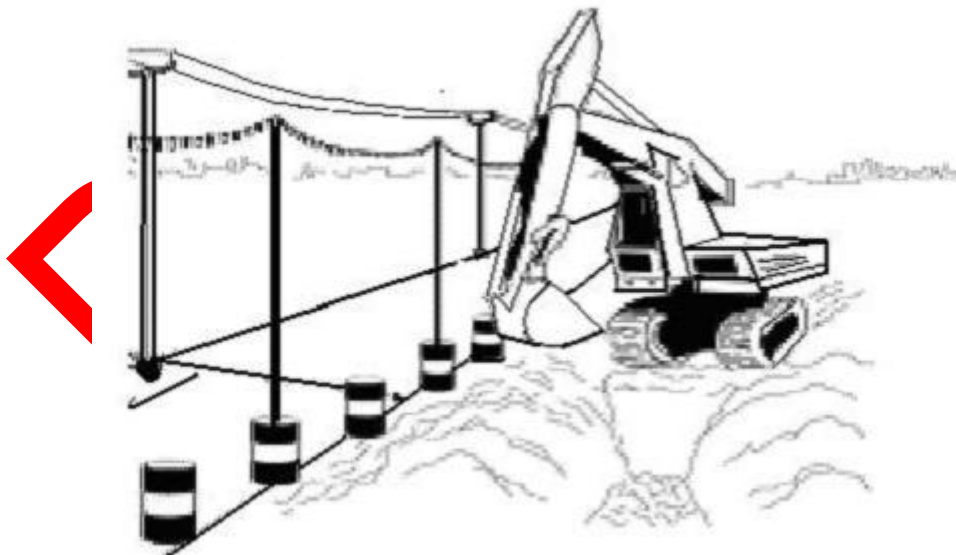
- Ground works form as provided by the HSA and copied in the appendix will be used for all jobs.
- Excavations will be notified and monitored on site via the relevant Statutory Form.
- Site will be surveyed as per drawings to ascertain exact location of any buried services.
- All services shall be clearly marked.
- Excavation shall be inspected by a competent person on a regular basis to ensure stability.
- Hand digging shall be used in the vicinity of any services
- Trenches shall be battered back where ground conditions require.
- Irrespective of depth, excavations shall be supported by timbers or trench boxes after a suitable risk assessment has been completed and wherever ground conditions so dictate.
- Safe method of erecting supports shall be used to avoid collapse during erection.
- Barriers shall be put up beside excavation to prevent people and machinery falling in.
- All vehicles, plant and equipment will be kept back a safe distance from any trench.
- Good secure ladders shall be provided where appropriate.
- All excavations shall be fenced off to prevent unauthorized access.
- The services of a surveyor shall be sought where necessary.

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4.23 continued: Specific controls for services above and below.

This section is augmented with information from the HSA.

- Contact the appropriate service providers (ESB, Bord Gáis etc) and ask their advice.
- Look around for obvious signs of underground services, e.g. valve covers or patching of the road surface.
- Use locators to trace any services and mark the ground accordingly. Make sure persons using these scanners are trained and understand their use.
- Make sure that the person supervising excavation work has service plans and knows how to use them.
- Everyone carrying out the work should know about safe digging practices and emergency procedures. (See HSA Code of Practice 'Avoiding Danger from Underground Services'.)
- Survey the area for overhead obstructions such as electricity lines
- Erect goal posts and bunting if required.
- Where work needs to be carried out in close proximity to overhead lines, contact the ESB for advice.
- Use bunting as per the diagram below to protect from lines.



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4.24 Company work vehicles/machines (Machines are generally rented as necessary, controls below shall be implemented as appropriate).

Hazards

- Personal Injury from inadequate maintenance / Checks on Company Vehicles
- Damage to property from inadequate maintenance / Checks on vehicles

Person at risk:

Employees / Sub-Contractors / Visitors / Others

Vehicle List:

- Mini diggers
- 360 excavators
- Bull dozer
- Etc.

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Auxiliary devices are provided where operators vision is obstructed.
- People and traffic will be segregated as much as possible.
- Safety cut-outs on all equipment.
- Only trained staff with necessary skills cards may use plant and machinery.
- All excavations have quick hitch mechanisms.
- Vehicles shall not be driven or operated on dangerous slopes.
- Staff will not carry out any general maintenance on vehicles.
- Monthly Vehicle Inspection Sheets must be used and stored in Company vehicle and returned to office for inspection at the end of every month
- All equipment subject to a planned schedule of maintenance.
- All equipment shall be subject to the statutory maintenance checks as per the construction regulations.
- Employees have a legal duty to report any known defects.
- Only those with relevant skills cards may operate machinery
- Any lifting equipment is inspected at statutory intervals as per our insurance company recommended inspector and the 2006 regulations.

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- Wind is always assessed before carrying out lifting.
- Operator to make sure there are no obstructions.
- Keys are never left in vehicles.
- All vehicles will be secured at night to prevent unauthorized access.

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4.25 Consaws

Hazards

- Amputation
- Fire

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

Control Measures

Key Points:

- Check guarding is secure
- Check all safety switches are secure
- Check for oil or fuel leaks
- Check the tension on the drive belt, no more than ¼ inch play in belt
- Check the cutting disc is the correct specification for the task to be carried out
- Changing the blade gloves must be worn
 - Ensure saw is switched off
 - Hold blade lock if applicable
 - Use specific tool only to loosen and remove the blade via the blade retention nut
 - Replace blade and reverse above steps.
- Refuelling
 - Ensure saw is switched off
 - Check the mix ratio as per the manufactures instructions for 2 stroke oil
 - Mix the fuel in the approved portable fuel can to the approved ratio
 - Open the fuel lid on a level and secure surface
 - Fill fuel from an approved container
 - Replace lid
- Procedure for starting
 - Place the con saw on the ground
 - Pull in the accelerator and depress the lock switch to "On"
 - Secure the saw by placing your foot in the indicated place
 - Check the choke is in the "On" position
 - Pull the starting cord

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- When the saw fires, adjust the choke as necessary
- Use the saw as per the SOP
- When finished turn the switch to "Off"

Notes:

Only cut with blade never use it to grind.

Check that the saw has been serviced before accepting delivery to site.

Never use the Con Saw when there is a person standing in front of the saw or in the path of sparks.

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4.26 Cement

Hazards

- Lime Burns
- Struck by vehicle
- Slips and falls

Person at risk:
Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Correct PPE to be worn at all times.
- Rubber boots to be worn to prevent lime burns on feet and ankles.
- Concrete trucks are monitored when near excavations.
- Keep away from pinch point son concrete trucks.
- Be aware fop swinging chutes on concrete trucks.
- Never ride a concrete bucket.
- Ensure no one is working under a chute.
- If applying curing compound or other additives ensure you wear PPE as per the manufacturer's instructions.
- Be aware of reversing concrete trucks.

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4.27 Pneumatic tools

Hazards

- Dust
- Fumes
- Entanglement
- Vibration
- Eye injury

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Adjust your air pressure to the manufacturer's rating.
- Make sure hoses are of the correct inside diameter and are not kinked or crushed.
- Mufflers to be part of tool.
- Ear defenders to be worn.
- Tool to have schedule of PPM to keep vibration at a minimum.
- Be aware of oil contaminated air release, keep hands and tools free of oil.
- Absorbent gloves to be worn.
- Dust masks to be worn by operatives.
- Correct PPE to be worn.
- Correct use and handling of plant and equipment.
- Operatives to be rotated and a register kept.
- Whip checks and guards if applicable to be fitted to all pneumatic tools.
- When using quick disconnect type fittings, install the male end on the tool.
- Always wear impact resistant safety goggles.

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4.28 Laying or Spraying Asphalt/Tarmac

Hazards

- Dust
- Fumes
- Vibration
- Fire and explosion
- Skin or eye contact

Person at risk:

Employees / Sub-Contractors / Visitors / Others

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

CONTROL MEASURES

- Handle all emergencies or injuries as per the instructions in the Safety Data Sheet (see appendix)
- All vibrators or other machinery to be driven as per the controls in Part 4.17.
- Sparks, electricity, open flames, incandescent material (lighted cigarette), or other possible ignition sources are prohibited.
- If a fire is initiated at the spray bar it may spread through accumulated asphalt deposits on the distributor chassis and destroy the vehicle. Therefore, asphalt distributors should be kept clean and free from asphalt accumulations.
- Before spraying begins, the burners must be shut off. If practical, the hot parts of the burner should be permitted to cool.
- Exterior parts of the distributor truck exhaust systems should be kept clean by wire brushing to remove debris that could ignite and fall in the path of the spray-bar.
- When spraying is in progress, there is always the danger of a fire starting from a cigarette or match thrown down by a passerby. Post a warning with the traffic signs indicating spraying/laying operations are underway.
- Dry chemical or carbon dioxide extinguishers should be stored in the cleanest place on the vehicle, preferably in the cab.
- When working with any asphaltic material, avoid prolonged contact of the material with skin.
- Excessive breathing of asphalt materials should be avoided.
- Wear PPE (as set out below) to protect against asphalt spatters.

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- When chipping or chiselling old blacktop, wear eye protection. Also, don't chisel with a carpenter's hammer, because it isn't designed for this type of job and may chip; use a hand-drilling hammer or machinist's hammer.
- Keep all asphalt materials away from high heat.
- Keep solvent-thinned materials away from open flames.
- Close containers after each use.
- Always follow the manufacturer's instructions for the product being used.

PPE recommended when handling heated asphalt:

- Chemical goggles and a 200 mm (8 inches) minimum-sized face shield.
- Loose clothing in good condition with collars closed and cuffs buttoned at the wrist.
- Thermally insulated gloves with gauntlets that extend up the arm and worn loosely so that they can easily be flipped off if covered with hot asphalt.
- Boots with tops at least 150 mm (6 inches) high and laced without openings.
- Pants without cuffs which extend over the tops of the boots.
- Safety shoes at least 15 centimetres (cm) high and laced.
- Barrier creams and lotions leave a thin film on skin and act as a barrier against skin irritants worn with protective clothing.

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4.29 Roofwork

Note: All roof work is subject to individual assessment and the production of a method statement to cover the tasks and activities of the specific job. This will include a full assessment with regard to the Code of Practice on Roofwork as published by the HSA. Key elements are summarised below.

HAZARDS

Multi hazard – to be quantified and assessed for every job individually.

CONTROL MEASURESS

As per the Code of Practice on Roofwork, Risk assessments and safety method statements will be used to identify working positions, access routes (both to the roof and along the roof for normal and emergency access) and show:

- How falls are to be prevented.
- How danger from falling materials to those at work below and to the public is to be controlled.
- How risks to health will be controlled.
- How other risks, identified at planning and survey stages, are to be controlled, for example handling hot bitumen.
- What equipment will be needed.
- What skill, knowledge, relevant experience and training is needed.
- Who will supervise the job 'on site'.
- How other occupational hazards, such as lone working, will be controlled.
- How changes in the work will be dealt with without prejudicing safe working.
- Who will check that the system is effectively controlling risk.

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4.30 Domestic Works

HAZARDS

- ☐ Access and egress
- ☐ Poor weather
- ☐ Domestic animals
- ☐ Children

RISK ASSESSMENT:

Likelihood	Severity	Risk Value
Score =	Score =	Result =

NOTE: Where the works come under the auspices of the Construction Regulations 2013 we will cooperate fully with the appointed Project Supervisor and/or Health and Safety Coordinator. Where the works are not under the 2013 Construction Regulations all other risk assessments or method statements apply.

CONTROL MEASURES

- ☐ Park safely as close as possible to the dwelling.
- ☐ Ensure that appropriate clothing is available for weather conditions.
- ☐ Try to find out in advance if there are dogs or children present.
- ☐ Ask householder to keep dogs confined during visit.
- ☐ Be aware of children and children's toys possibly causing trip hazards.
- ☐ First aid kit is available in vehicle.
- ☐ Sensible clothing is worn to offer general protection from hazards such as Safety Shoes, Strong Trousers and long sleeve light jacket.
- ☐ Always ask permission before opening any closed doors within the dwelling.
- ☐ If there is a problem at the dwelling such as a family dispute, offer an alternative time for the assessment.

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PART 5**ANNUAL REPORT****ABC COMPANY****SAFETY STATEMENT**

The following is a report of progress with our Health and Safety Policy as required by Section 12(6) of the Safety Health and Welfare at Work Act 2005.

SAFETY TRAINING:

During the year, the following safety training courses were run:

- 1
- 2
- 3

External safety and health courses attended by our staff included:

- 1
- 2
- 3

NEW SAFETY ARRANGEMENTS

The following new safety arrangements were put in place during the year:

- 1
- 2
- 3

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ABC Company

Safety Statement

Safety Statement Document Review

ABC COMPANY

To ensure the proper implementation of our Safety Systems we shall review the Safety Statement periodically and at least annually.

Date of Review	Signed for Company	Description of Changes	Date of update

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ABC Company

Safety Statement

Part 6 Staff Sign Off

We the undersigned accept that:

- **We have been shown the Safety Statement,**
- **We know where it is to be kept for review,**
- **We will adhere to all safety rules as set out by ABC Company**
- **We will not act in any way that could be harmful to ourselves or any other person.**

Name in block	Signature	Date

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Accident Report Form

Location:	Department/Division:
Date of Accident/Incident:	Date of Review:
Management present:	
Injured Party	

Nature of loss	Nature and extent of actual or potential loss to people, property, process or the environment
Description	Description of the Accident/Incident (who, what, how, when)
Causes	Why did the Accident/Incident occur, (root, basic and immediate causes)?
Recommendations	Action to prevent recurrence, responsibility & action by dates:
Reporting	Distribution of investigation information organisation wide and statutory reporting / reply:

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Staff Suggestion forms

SECTION A: To be completed by staff member with suggestion

Staff Member Name:_____ **Position:**_____
Date:_____

Details of Suggestion:

SECTION B: to be completed by Supervisor or Manager 1

Action Taken:

Signature:_____

Date_____

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ABC Company Safety Statement

SAFETY DATA SHEET

1 Identification of Substance & Company

ASPHALT

Company

Tarmac Limited
Millfields Road
Ettingshall
Wolverhampton WV4 6JP
Telephone: 01902 353522
Fax: 01902 353920
Emergency Telephone: 01902 353522

2 Composition / Information on Ingredients

Asphalts are mixtures of aggregates and bitumen. Bitumen is a hydrocarbon derived from the distillation of petroleum crude oil. Asphalts containing additives are out of the scope of this data sheet. For further details of the specification refer to the relevant Technical Data Sheet.

3 Hazards Identification

These products are NOT classified as hazardous in accordance with the CHIP regulations (SI 2002 No. 1689) and not listed in current Approved Supply List (ASL).

The main hazards presented by Asphalt depends on the temperature of the material.

The following hazards may apply:

- Hot materials may burn the skin. (R35 - Causes severe burns).
- Fumes from Asphalt are unlikely to be hazardous when laid in open air situations, but there may be a risk to health by continuous inhalation of high vapour concentrations which might arise in confined or semi-confined spaces. (R36/37 - Irritating to eyes and respiratory system).

4 First Aid Measures

Summary of First Aid Procedures

Inhalation

Immediately remove to fresh air. If breathing is stopped or irregular, apply artificial respiration, give heart massage if necessary and seek medical attention.

Skin Contact

Burns caused by contact with hot material should be cooled by immediately drenching with cold water. The bitumen may then be removed under medical supervision with warm medicinal paraffin.

Eye Contact

Irrigate with water for at least ten minutes. If pain persists seek medical attention.

Ingestion

Remove to fresh air and give water to drink. Seek medical advice.

5 Fire Fighting Measures

Suitable Extinguishing Media

Dry powder, foam.

Unsuitable Extinguishing Media

CO₂

Special Exposure Hazards in Fire

Hydrocarbon fumes may be released.

Special Protective Equipment for Fire Fighters

Full protective clothing including suitable respirator or breathing apparatus.

6 Accidental Release Measures

Personal Precautions

Ensure the temperature of the Asphalt does not present a Safety Hazard. Wear overalls and gloves.

Environmental Precautions

Entry into watercourses should be avoided.

Methods for Cleaning

No special requirements.

7 Handling and Storage

Handling

Skin contact with the materials should be avoided. Inhalation of fumes should be avoided as far as is reasonably practicable.

Storage

No special requirements.

Refer to the relevant Technical Data Sheet for the specific product.

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Safety Statement

8 Exposure Controls / Personal Protection

Take Measures to Prevent

- (a) Inhalation of dust.
- (b) Inhalation of excessive quantities of dust during cutting or surface treatment of hardened asphalt.

Exposure Control Limits / Source

(a) Asphalt Fumes - W.E.L.	5mg/m ³	8 Hours T.W.A.
	10mg/m ³	15 Min. T.W.A.
(b) Total Dust - W.E.L.	10mg/m ³	8 Hours T.W.A.
Respirable Dust - W.E.L.	4mg/m ³	8 Hours T.W.A.
Respirable Quartz - W.E.L.	0.1mg/m ³	8 Hours
T.W.A. Crystalline Silica SiO ₂		

W.E.L. = Workplace Exposure Limit

T.W.A. = Time Weighted Average

Inhalation

S51 - Use only in well-ventilated areas.

Eyes, Skin & Hands

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

9 Physical and Chemical Properties

Appearance	Black, granular solid
Odour	Strong pH
	Neutral
Boiling Point / Range	Not applicable
Melting Point / Range	90 - 100°C
Flash Point (°C)	Above 200°C
Flammability	Not determined
Auto Flammability	Above 230°C
Explosive Properties	Not determined
Oxidising Properties	Not determined
Vapour Pressure	Not applicable
Relative Density	Above 2.0
Water Solubility	Insoluble
Fat Solubility	Not determined

10 Stability and Reactivity

Conditions to Avoid

Sources of ignition and temperatures above 200°C

Materials to Avoid

Strong oxidising agents, e.g. chlorates which may be used in agriculture.

Hazardous Decomposition Products

The substances arising from the thermal decomposition of the bitumen binder in Asphalt will largely depend on the particular conditions but may contain the following:

Carbon Dioxide, Carbon Monoxide, Water, Particulate Matter, Hydrogen Sulphide, Sulphur Oxides, Polycyclic Aromatic Hydrocarbons, Unburnt Hydrocarbons, Nitrogen Oxides, Vanadium Pentoxide.

12 Ecological Information

Environmental Assessment

When used and disposed of as intended, no adverse environmental effects are foreseen.

Mobility

Asphalts are non volatile materials that will sink in water and form a solid layer on the surface of the ground.

Persistence and Degradability

Asphalts are resistant to degradation and will persist in the environment for a considerable period of time.

Ecotoxicity

Not expected to be toxic to aquatic organisms.

13 Disposal Consideration

Likely Residues / Waste Product

Asphalt is an inert material.

Safe Handling of Residues / Waste Product

Aggregates are inert but should be disposed of in accordance with local and national legal requirements. See the Environmental Protection Act 1990, "Duty of Care".

14 Transport Information

Special Carriage Requirements

None - keep covered.

15 Regulatory Information

This product is NOT classified as dangerous for transport.

16 Other Information

Training Advice

Wear and use of PPE.

Recommended Uses and Applications

Industrial and construction applications.

Further Information

The Technical Centre
Telephone: (01902) 382628, or:
The Safety, Health & Environmental Manager
Tarmac Limited
Telephone: (01902) 353522

Key Data Used to Compile Data Sheet

HSE Guidance Note EH40/2007
PPE Regulations 1992
COSHH Regulations 2002
Environmental Protection Act 1990
HSE Crystalline Silica
EH59

If you have purchased this product for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information

11 Toxicological Information

Fumes inhaled over a prolonged period could constitute a health hazard.
Prolonged skin contact may cause dermatitis and malignant warts.

in this sheet.
If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and any of the precautions which should be taken.
Further copies of this Safety Data Sheet may be obtained from Tarmac

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ABC Company Safety Statement

Template Method Statement for Clients when necessary.

Contractor	Name:	Address:		Tel:
				E-mail:
Project Name				
Description of the Task/Activity				
Site Address/Location:		Start Date/Time:		
		Finish Date/Time		
Personnel Involved	Name	Role/Trade		
Site Supervisor:		Tel:		
Safety Officer		Tel:		
Key Plant & Tools (Attach Certification)				
Key Materials				
Other Essential Equipment:	(i.e. access platforms/winches/ladders, etc)			
Specific Identified Residual Hazards: (or refer to the task specific risk assessment(s))				

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Storage Arrangements:	
Details of Permits to Work:	
SWL's:	(Detail any limits on the loadings applicable to temporary plant/equipment or fixed elements of the structure where the work is taking place)

Required Personnel Protective Equipment:							Other: 1. Hi-Viz 2. Coveralls 3.
	Safety Boots	Hard Hats	Safety Gloves	Hearing Protection	Eye Protection	Respiratory Protection	

Emergency Procedures:			
	First Aid Facilities:	Name of On-Site First Aider:	
		First Aid Box Location:	
		Location of Nearest Hospital:	
Welfare Requirements			
Services to be supplied by Others			
Other information & Comments			

All work will be undertaken by qualified competent persons with experience of the type of work described above, and in all cases in full accordance with safety procedures specified in the company's health and safety Policy.

Prepared by:
Position:
Reviewed by:
Position:

Date:
Date:

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ABC Company Safety Statement

Construction regulation forms as supplied by the HSA.

PART 1

SAFE SYSTEM OF WORK PLAN (SSWP)

CONSTRUCTION FORM I (GROUND WORKS)

Plan No.

Job Details	Resources Required	Emergency Details
Employer Name: _____	Worker Skills: _____	Contact Names & Tel No.
Supervisor/Lead Person: _____	_____	1. _____
Number of Workers: _____	_____	2. _____
Specific Location: _____	Plant/Equipment: _____	3. _____
Description of Work: _____	_____	First Aider: _____
_____	_____	location of First Aid Box: _____
Start Date: _____	Hazardous Materials: _____	
NOTE: A new SSWP must be completed when the task or the environment changes.		WORK PERMITS REQUIRED Hot ☐ Electricity ☐ Excavation ☐ Confined Space ☐ Other ☐ Method Statement Yes ☐ No ☐

Before Works Starts the following **MUST** be in place

PART 2

SELECT HAZARD
☐
☐
☐
☐
☐
☐

SELECT CONTROL
 Tick the ☒ box to identify controls required. Tick the ☒ circle when controls in place.

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ABC Company Safety Statement

PART 2

HAZARD	CONTROL Tick the ☒ box to identify controls required; Tick the ☒ circle when control is in place.									
 Falling Objects										
										
 Unknown Hazard										
										
 Manual Handling										
										
PPE										
										
 Fire	    									

PART 3

SSWP prepared by: _____ Date: _____

The controls to be used as per this form have been brought to my attention.

Signed by Team:

NOTE: This list of Hazards and Controls is not exhaustive and is in no particular order.

IF IT'S NOT SAFE DON'T DO IT AND INFORM SITE MANAGEMENT

Standard Induction to new Sites

Site Health and Safety Rules

- ABC Company adheres to and complies with the Construction Regulations 2006 at all times. Contractors and visitors are reminded that they are responsible for their own health and safety and that of ABC Company employees.
- All instructional signage, internal and external, must be complied with at all times.
- ABC Company operates a strict smoking policy. Any persons found anywhere on the premises smoking in a restricted area will be permanently removed from site. Smoking is only permitted in designated smoking areas.
- Contractor vehicles may enter compound for the purpose of off loading tools, materials and equipment associated with the task. Vehicles must then be removed from compound and parked in designated parking areas.
- Under extreme circumstances and where a vehicle is an integral part of the equipment required then with agreement from Manager 2 the vehicle can be parked adjacent to the proposed works.
- All vehicles entering site must adhere to the site speed limit.
- Vehicles that are, due to nature of work undertaken, allowed to remain on site should where possible have amber flashing light or be clearly marked or coned off.

Pre Site Access Procedures

All sub-contractors who are intending to carry out works on site on behalf of the ABC Company and client must have provided and discussed in advance the following with Manager 2.

- Their company Health and Safety policy
- Their Employers Liability Insurance Certificate
- Skills Cards and Safe Pass for Staff.
- Construction Regulations Pre work documentation
- Risk Assessments for task
- Method Statement for task
- Chemical Assessments (COSHH) for task
- Inspection records of the contractor tools and equipment
- Training records and qualifications of the contractor
- Licences to drive and operate plant and equipment
- Names of personnel arriving to conduct works

Site Access Procedures

- The visit must be a scheduled date.
- Names of Companies and contractors personnel to be forwarded to Manager 2 the day prior to planned visit.
- Any contractor who gains unauthorised entry to an area to which they are restricted will be escorted from site and not permitted to return.
- ABC Company operates a search policy, which must be made clear to the contractor prior to entry. All employees, visitors and contractors are liable to be searched.

Induction of all persons

Manager 2, supported by Manager 1 will be responsible for the provision of induction to all persons attending site. This must be completed prior to commencement of any activities. The induction will include the following instructions and information:

- Roles and Responsibilities
- Health and Safety Rules for the site
- Site Layout (Including exclusion zones)
- Vehicles and Traffic Management
- Welfare Facilities on Site
- Accident and Near Miss Reporting
- First Aid Provision
- Emergency Procedures
- Personal Protective Equipment
- Site Notices and Signage
- Permit to Work Systems
- Work Tools and Equipment
- Food safety procedures

The person attending training should sign to confirm that induction has been completed; this must be filed for audit purposes.

General Health and Safety

- All persons are to wear safety boots or shoes at all times
- Hi visibility vests are to be worn at all times
- Hard hats are to worn in construction areas
- All screening and protection of works to be in place prior to commencement of works
- Other PPE must be provided in accordance with the contractor method statements and risk assessments
- Contractors are under no circumstances permitted to use or operate any ABC Company Mechanical or Construction Equipment

- Contractors must provide licences for the staff who are to operate their own or hired Mechanical Handling Equipment

Accidents and Near Misses

- Accidents must be reported without exception to Manager 2 or Manager 1 whereupon ABC Company accident investigation/recording procedure shall be followed.
- First Aid locations are to identified to all persons
- All persons should be made aware of who the trained first aiders are. In the first instance this will be Manager 2. If the situation is beyond Manager 2's training he will ask for assistance from the client or nearest Hospital.
- Full accident investigation is to be carried out by ABC Company in the event of accident involving contractor whilst on site
- Report to be produced as per usual process, copy to be forwarded to the Sub-Contractor where relevant

Welfare Facilities

- All persons must be made aware of the facilities that they are permitted to use.
- If these are restricted to particular area then this must be clearly indicated
- Notice to be posted to instruct contractors and direct labour to maintain toilet and washing units in good and clean.

Permits To Work

The following require additional permits to work.

- ✓ Permit for Hot Work – Including Welding, grinding, burning or similar operation which could constitute a fire hazard.

On completion of works or at end of day the permit must be returned to the issuer to close and to confirm status of the works for which permit was issued.

In the case of a hot works permit all must conclude that no fire risk is possible prior to closure.

Equipment and Materials

- Where required by regulation, no person must use any equipment or tools that they have not provided training documentation for
- All tools provided must be fit for purpose
- All tools must be 110v
- All electrical tools must have valid PAT test
- Sub-Contractor is responsible for his own security arrangements for any tools and equipment he has provided for works on site

- Sub-Contractor must provide all the tools necessary to complete works, under no circumstances should ABC Company equipment be provided
- For storage of materials on site the sub-contractor must make adequate provision and agree location with Manager 2
- Sub-Contractor must provide adequate means for disposal of waste materials generated as per the Site Waste Regulations

Emergency Procedures – Fire

- All persons must be made aware of the fire alarm audible sounder
- If they discover a fire or suspect a fire they must alert Manager 2 immediately
- Upon hearing or activating the fire alarm they should leave the immediate area
- They should assemble at the main site assembly point identified to them on induction as being for contractor and visitor use
- Evacuation must be maintained until Manager 2 gives the all clear

Waste Disposals and Containment

- The disposal of all waste materials by all persons must be conducted in a safe and environmentally acceptable manner
- All persons, in accordance with site procedures, must dispose of all liquids into the appropriate containment. Early consideration should be given to where these elements are likely to apply
- Copies of all waste disposal consignment notes should be provided to Manager 2 where relevant.
- Any generators or similar equipment that have oil and fuel tanks must be positioned in location that in the event of spillage do not pose a contamination threat

Personal Hygiene Regulations

- Hands must be washed at regular intervals throughout the day. It is important that after eating or using the toilet that hands are washed thoroughly to ensure that high standards of hygiene are maintained.
- Eating is only permitted in the cabin/canteen/designated area
- Cuts and abrasions must be covered by waterproof dressings. Appropriate dressing can be obtained from any First Aider.

Site Hygiene Regulations

- All tools etc. must be accounted for and all spare and old parts or fittings removed from the area.

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- The area must be completely cleared of all debris following the completion of work and the client contact advised of any additional cleaning requirements.

This list is for standard induction to the ABC Company Site for. It is not exhaustive, and should be added to appropriate to the needs of the contract/client.

Induction Delivered by	
Signature	
For (specify client/project)	
Foreman or Supervisor	
Date	

Signatures of those present	

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PART 8 Related Policies

8.1 ABC Company Environmental Policy Statement

ABC Company will seek to promote the conservation and sustainable use of natural resources and to minimise environmental pollution in all their activities and, where possible, by its influence over others. The objective will be to minimise the environmental impact of all operations.

Consideration will be given to substitution of polluting substances with "greener" alternatives wherever possible. Steps will be taken to minimise smoke, dust, noise, and vibration nuisance - the potential for which will be identified during the assessment process.

All waste disposals shall be carried out by registered carriers and removed to registered disposal sites. Documentation shall be held to demonstrate compliance with this. Wherever possible waste shall be recycled, reclaimed or reused.

Liquid pollutants will not be allowed to enter watercourses. All liquid storage will be bunded wherever there is a risk.

This policy will be enforced by managerial vigilance and shall be subject to regular auditing and review.

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8.2 ABC Company Equality Policy

ABC Company are an equal opportunities Employer & thus, as laid out in this policy, seek to comply with all legal regulations & directives with regard to dealing with individuals or groups in a fair & legal way.

It is the policy of ABC Company to deal (employ, pay, consult, interview, speak to, and write to etc.) with any person/s equally & with dignity Regardless of disposition:

- Gender
- Race
- Colour
- Creed (Religious Persuasion)
- Nationality
- Disability or Physical Impairment
- Financial Status

ABC Company., its Management and Staff must uphold & comply with this policy. Failure to comply with this policy could result in immediate disciplinary action & possible dismissal.

Should any person cause harm, harass, sexually harass or disadvantage any of the above because of their disposition, that person/s will be reported to the Authorities & will be dealt with on a legal basis.

It is the overall policy of this company to practice equality & to be fair to all.