

Operation : Scaffolding

Activity	Who might be harmed	Hazard	Suggested Control Measure
General Site Activities.	Employees	Uneven ground, broken glass, overgrown areas, slips, trips and falls.	P.P.E to be worn at all times. Site to be kept tidy/free from obstructions where possible. When cables are routed in access areas ensure they are kept to the sides or routed overhead or underground and secured. Cable lengths must be kept to a minimum. Operatives must visually inspect all cables and sockets for damage before use. Avoid trailing through water to avoid risk of damage from plant etc. Cables must not be routed across traffic routes. All electrical extension cables must be subject to a planned maintenance programme and inspected periodically with records maintained.
Material Handling.	Employees	Back strain, bodily injury.	All personnel will be trained in safe manual handling techniques, large or heavy loads will be lifted or moved with mechanical equipment, fork lift trucks/cranes/hoists. Where this is not available assistance will be provided. Wherever possible large loads will be split into smaller loads and safe routes planned and established before work begins.
Use Of Hand Tools.	Employees	Personal injury.	Tool to be suitable for the purpose intended and maintained in good working order. Tools to be inspected regularly in accordance with manufacturers instructions. Open blade knives must be kept in protective sheaths unless in use. Screwdrivers and other sharp tools are to be used in the correct manner so as not to cause injury. All operatives to be given instructions in the safe use of hand tools as part of their skill training. Tools which may deteriorate are to be checked on a regular basis and maintained or replaced as necessary.
		Eye injuries.	Suitable eye protection to be provided and must be worn whenever there is a risk of flying particles. Supervisor to monitor the use of all hand tools and to make specific checks for chisels with mushroom heads, hammer heads for security, files for loose handles and exposed tangs, open ended spanners for splayed jaws, and all other indications of wear and tear.
Use Of Portable Electrical Equipment.	Employees	Personal injuries, electrocution, shock, burns, fire, explosion.	Equipment selected to be suitable for purpose and only operated by nominated competent personnel. All equipment to be 110v if 240v to be used with a R.C.D. The R.C.D to be tested at start of works and by a competent engineer every 12 months. All equipment must be double insulated. All equipment to be PAT every 12 months. Visual inspection before use by operator. All cables to be fitted with enclosed sockets.
Use Of Equipment With Moving Parts.	Employees	Eye, hand injuries, abrasions, cuts.	When using equipment with moving parts such as drills, circular saws etc, loose clothing should be removed and hair tied back to prevent entanglement. All equipment must be guarded and used in compliance with manufacturers instructions.
Use Of Plant.	Employees	Personal injury.	All operators using cartridge tools are to be trained and certificated by their supplier. Abrasive wheel changing to be carried out only by a trained competent person. Site machinery i.e. fork lift trucks, dumpers, hoists etc to be operated only by fully trained and certificated operatives.
Noise Assessment.	Employees / Public	Personal injury.	Consideration to be given when using machinery and cutting equipment to ensure other operatives and bystanders are not affected by the noise from the operations.
Scaffolding Erection.	Employees / Public	Collapse.	Scaffolding to be certified and inspected at regular intervals by qualified erector.
		Falling from heights.	Safety handrails to be fitted. Warning notices to be displayed on uncompleted scaffolds.
		Items dropping from scaffolding.	Toe boards to be fitted.
		Loose ladders.	Ladders to be securely tied or otherwise fixed.
		Scaffold becomes unsafe.	Regular inspections to be carried out and recorded in the statutory register.
		Persons falling during the erection and dismantling of scaffolding.	During erection and dismantling a minimum 3 board wide working platform is to be used When working off a platform of less than 3 board wide, or off steelwork, harnesses are to be worn.
		Materials falling from scaffolding during erection and dismantling.	Double handrails and toe boards or single handrails, brick guards and toe boards to be used on all lifts above 2m high. Area beneath and in the immediate vicinity of the scaffolding to be isolated.
		Failure of working platform.	Scaffolding to be erected by CITE trained / competent personnel. All scaffold equipment thoroughly examined and serviced before each use. Carry out weekly scaffold inspections.
		Overhead power cables coming into contact with scaffolding tubes causing electrocution.	Location of cables to be verified and clearly marked. Cables to be either diverted, isolated or sheathed by the relevant Electricity Supplier.
Additional Items of Concern Noted By Your Company or Site Specific			