

Construction Site Safety Checklist

SAFE PLACES OF WORK ON OUR PROJECTS

- Can everyone on the project reach their place of work safely, e.g. are roads, gangways, passageways, passenger hoists, staircases, ladders and scaffolds in good condition?
- Are there guard rails or equivalent protection to stop falls from open edges on scaffolds, mobile elevating work platforms, buildings, gangways, excavations, etc?
- Are all holes and openings securely guard railed, provided with an equivalent standard of edge protection or provided with fixed, clearly marked covers to prevent falls?
- Are the working structures stable, adequately braced and not overloaded?
- Are all working areas and walkways level and free from trip hazards, obstructions such as stored material and waste?
- Is our site tidy, and are materials stored safely?
- Have we arranged proper arrangements for collecting and disposing of waste materials?
- Is the work area and interior adequately lit? Have we sufficient additional lighting provided when work is carried on after dark or inside buildings?

SCAFFOLDS

- Are all of our scaffolds and work platforms erected, altered and dismantled by competent persons?
- Do we have handover certificates for all work platforms and scaffolds?
- Is there safe access method (ladder) to the scaffold platform?
- Have all uprights been provided with base plates (and, where necessary, timber sole plates) or prevented in some other way from slipping or sinking?
- Are all of the uprights, ledgers, braces and struts in position?

- Is the scaffold secured to the building or structure in enough places to prevent collapse?
- Are there adequate guardrails and toe boards or an equivalent standard of protection at every edge from which a person could fall 2 m or more?
- Are intermediate guardrails fitted?

Where guard rails and toe boards or similar are used:

- 1 Are the toe boards at least 150 mm in height?
 - 2 Is the upper guardrail positioned at a height of at least 910 mm above the work area?
 - 3 Are additional precautions, e.g. intermediate guard rails or brick guards in place to ensure that there is no unprotected gap of more than 470 mm between the toe board and upper guard rail?
 - 4 Are the working platforms fully boarded and are the boards arranged to avoid tipping or tripping?
- Are there effective barriers or warning notices in place to stop people using an incomplete scaffold, e.g. where working platforms are not fully boarded?
 - Has the scaffold been designed and constructed to cope with the materials stored on it and are these distributed evenly?
 - Does a competent person inspect the scaffold regularly, e.g. at least once a week; always after it has been substantially altered, damaged and following extreme weather?
 - Are the results of inspections recorded in our company records or site diary?

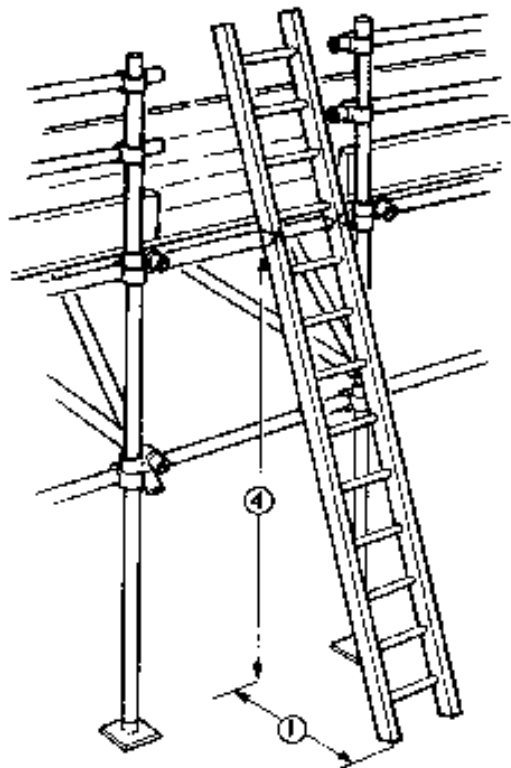
POWERED ACCESS EQUIPMENT

- Has the equipment been erected by a competent person?
- Is fixed equipment, e.g. mast climbers, rigidly connected to the structure against which it is operating?
- Does our working platform have adequate guard rails and toe boards or other barriers to prevent people and materials falling off?

- Have precautions been taken to prevent people being struck by the moving platform, projections from the building or falling materials, e.g. barrier or fence around the base?
- Are our operators or sub contractors trained and competent to use this equipment?
- Is the power supply isolated and the equipment secured at the end of the working day?

LADDERS

- Are ladders we have supplied the right means of access for this project or job?
- Are all of the ladders used by us and our sub-contractors in good condition?
- Have we secured them to prevent them slipping sideways or outwards?
- Do our ladders sections raise a sufficient height above their landing place? If not, are there other hand-holds available?
- Are our ladders positioned so that users don't have to over-stretch or climb over obstacles to work?
- Does the ladder being inspected rest against a solid surface and not on fragile or insecure materials?



MANUAL HANDLING

Manual handling operations record																
Mark boxes as appropriate. Every activity must be marked																
Company	Made Up Ltd				Project/premises	Supermarket site				Activity	Blocklaying					
Materials to be handled	32 kg blocks				Hazardous contents	None				Locations	Ground level					
Can manual handling be eliminated? No																
TASK																
	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>				
	LOAD															
		YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>						
		ENVIRON														
			YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>		
			PERSON						Control measures 1) Discard selection of blocks with damage (i.e. damaged/ cracked). Lighter blocks may be used 2) Use a pallet jack or other manual lifting device to avoid the need for manual handling of blocks 3) Use a trolley to transport blocks when lifting device is not available or practical 4) Consider using blocks with handles with design (i.e. no holes) to avoid contact with 5) Place blocks on or to the 2' point of use to reduce carrying distance 6) Investigate use of straps/ banding to improve ground conditions 7) Personal guards to protect hands from cuts and abrasions and to improve grip 8) Arrange refreshment breaks to avoid dehydration							
				YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>								
				Assessor: E.R. Gonomic Date: 1/2/34 Received by: M. Handling Date: 2/2/34												

- Has the risk of manual handling injuries been assessed?
- Are hoists, telehandlers, wheel-barrows and other plant or equipment used so that manual lifting and handling of heavy objects is kept to a minimum?
- Are materials such as cement ordered in 25 kg bags?
- Can our team avoid the handling of heavy blocks?



TRAFFIC AND VEHICLES

- Have separate pedestrian, vehicle access points and routes around the site been provided? If not, are vehicles and pedestrians kept separate wherever possible?
- Have one-way systems or turning points been provided to minimise the need for reversing?
- Where vehicles have to reverse, are they controlled by properly trained banksman?
- Are vehicles maintained; do the steering, handbrake and footbrake work properly? Have drivers received proper training?
- Are vehicles securely loaded?
- Are passengers prevented from riding in dangerous positions?
- Fire and emergencies

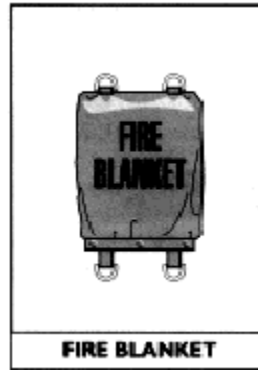
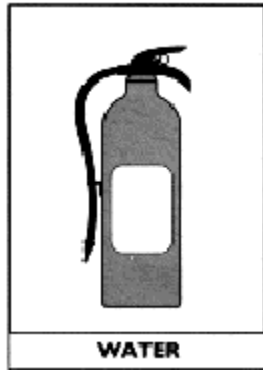
GENERAL

- Have emergency procedures been developed, e.g. evacuating the site in case of fire or rescue from a confined space?
- Are people on site aware of the procedures?
- Is there a means of raising the alarm and does it work?
- Are there adequate escape routes and are these kept clear?

FIRE

- Is the quantity of flammable material on site kept to a minimum?
- Are there provided proper storage areas for flammable liquids and gases, e.g. LPG and acetylene?
- Are containers and cylinders returned to these stores at the end of the shift?
- If liquids are transferred from their original containers are the new containers suitable for flammable materials?

- Is smoking banned in areas where gases or flammable liquids are stored and used? Are other ignition sources also prohibited?
- Are our gas cylinders and associated equipment in good condition?
- When gas cylinders are not in use, are the valves fully closed?
- Are cylinders stored outside?
- Are adequate bins or skips provided for storing waste?
- Is flammable and combustible waste removed regularly?
- Are the right number and type of fire extinguishers available and accessible?



HAZARDOUS SUBSTANCES

- Have we considered all harmful materials, e.g. asbestos, lead, solvents, paints etc and have we identified them properly?
- Have the risks to everyone who might be exposed to these substances been assessed?
- Have precautions been identified and put in place, e.g. is protective equipment provided and used; are workers and others who are not protected kept away from exposure?



NOISE

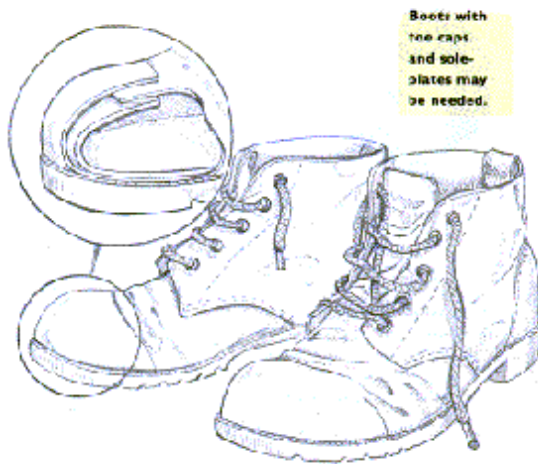
- Are breakers and other plant or machinery fitted with silencers?
- Are barriers erected to reduce the spread of noise?
- Is work sequenced to minimise the number of people exposed to noise?
- Are others not involved in the work kept away?
- Is suitable hearing protection provided and worn in noisy areas?

WELFARE

- Have suitable and sufficient numbers of toilets been provided and are they kept clean?
- Are there clean washbasins, warm water, soap and towels?
- Is suitable clothing provided for those who have to work in wet, dirty or otherwise adverse conditions?
- Are there facilities for changing, drying and storing clothes?
- Is drinking water provided?
- Is there a site hut or other accommodation where workers can sit, make tea and prepare food?
- Is there adequate first aid provision?
- Are welfare facilities easily and safely accessible to all who need to use them?

PROTECTIVE CLOTHING

- Has adequate personal protective equipment, e.g. hard hats, safety boots, gloves, goggles, and dust masks been provided?
- Is the equipment in good condition and worn by all who need it?



Boots with toe caps and sole plates may be needed.

ELECTRICITY

- Is the supply voltage for tools and equipment the lowest necessary for the job (could battery operated tools and reduced voltage systems, e.g. 110V, or even lower in wet conditions, be used)?
- Where mains voltage has to be used, are trip devices, e.g. residual current devices (RCDs) provided for all equipment?
- Are RCDs protected from damage, dust and dampness and checked daily by users?
- Are cables and leads protected from damage by sheathing, protective enclosures or by positioning away from causes of damage?
- Are all connections to the system properly made and are suitable plugs used?

- Is there an appropriate system of user checks, formal visual examinations by site managers and combined inspection and test by competent persons for all tools and equipment?
- Are scaffolders, roofers etc or cranes or other plant, working near or under overhead lines? Has the electricity supply been turned off, or have other precautions, such as 'goal posts' or taped markers been provided to prevent them contacting the lines?
- Have underground electricity cables been located (with a cable locator and cable plans), marked, and precautions for safe digging been taken?

PROTECTING THE PUBLIC

- Are the public fenced off or otherwise protected from the work?
- When work has stopped for the day:
 - 1 Are the gates secured?
 - 2 Is the perimeter fencing secure and undamaged?
 - 3 Are all ladders removed or their rungs boarded so that they cannot be used?
 - 4 Are excavations and openings securely covered or fenced off?
 - 5 Is all plant immobilized to prevent unauthorized use?
 - 6 Are bricks and materials safely stacked?
 - 7 Are flammable or dangerous substances locked away in secure storage places?

(This checklist, pictures and information taken from www.healthandsafety.com)