

## Risk Assessment - Covered Events

Nature of hazard	Persons at risk	Potential outcome	Current precautions	Residual risk
Collapse of ladders	Staff	Major Injury	Ladders supplied to conform to BS EN131 Ladders regularly inspected to ensure they are free from damage and defects Ladders provided with stabilisers Step ladders only used when fully open	Low
Fall from height	Staff	Major Injury	Selection of staff to ensure they are confident of working at height Training of staff in safe use of ladders (carrying, using etc) Planning of work to ensure that ladders are the most appropriate means of access, if work involves extensive handling of materials, or working for a long period aloft, then a tower scaffold will be used. Ladders properly erected (one out for every four up) Ladders tied off or footed to prevent slippage Ladders should only be used when there are two people on site Where it is required that ladders will be used on traffic routes they will be positioned to prevent collision or people being struck by falling materials At least three rungs should clear above the highest point used for work Over reaching from ladders will be avoided	Low
Fall of materials	Staff, other contractors, public	Major Injury	Planning to prevent ladders being used above traffic routes. If necessary to prevent injury, erect barriers or post someone to prevent persons entering the area of work. Keep materials which have to be carried to a minimum.	Low
Manual handling of loads	Staff	Major Injury	Aluminium extrusions delivered to a point as close as practicable to the installation point to reduce handling and carrying Large aluminium lengths to be carried by two people Lifting and handling of ladders when repositioning	Low

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Tensioning of wires	Staff	Major Injury	Bracing wires will be properly secured to structure either at points designed for attachment or using properly designed fittings. Tensioning work carried out by trained staff Ladders will be positioned so that tensioning work can be carried out without over reaching. Wires sufficiently tensioned to provide structural support but not over tensioned, which may distort the structure.	Low
Electrical hazards	Staff	Major injury, fire	Planning of work to avoid electrical services (lighting, cabling) Location of ladders to prevent cables being trapped between ladders and structure	Low
Injuries to hands & feet	Staff	Minor Injury	Personal Protective Equipment issued to all staff. First Aid Box available	Low
Slips & trips	Staff, public	Minor Injury	Area surrounding marquee should be kept free of debris. Equipment to be put away when not in use.	Low
Underground Services	Staff, clients	Major Injury, damage to property	Underground services to be identified with clients' help/knowledge. Use utility companies to detect if client unsure. (To discuss at site visit)	Low
Movement of vehicles	Staff, public	Major Injury	High Visibility clothing to be worn when necessary. Reversing to be avoided, but if necessary to be overseen by a Banks-man. Sensible speed limits to be adhered to on site. Traffic routes kept clear from obstructions.	Low

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### **Potential Outcome**

Major injury – An injury which would be reportable, ie a fatality, fracture or an injury which resulted in the injured person being off work for more than three days. Also included is significant damage to property.

Minor injury – A cut, bruise or minor property damage.

### **Residual Risk**

High – Imminent danger exists and the work activity should be stopped immediately.

Medium – Additional action to control hazards is required.

Low – Hazards are controlled and provided the measures stated are implemented the risk of injury is low

### **Specific Legal Requirements**

Health & Safety at Work Act 1974

Provision and use of Work Equipment 1999

Workplace Regulation 1992

Construction (Health, Safety & Welfare) Regulations 1996 Work at Height Regulations 2005

Frequency of Work Activity