

**Table 1 – Severity Table and Definitions**

<b>Description</b>	<b>Code</b>	<b>Definition</b>
Terminal Risk	<b>A</b>	Likelihood or possibility of resulting in a fatality
Severe Risk	<b>B</b>	Likelihood or possibility of resulting in a severe injury counting as a disability
Major Risk	<b>C</b>	Likelihood or possibility of resulting in a major injury requiring six weeks or more off work
Minor Risk	<b>D</b>	Likelihood or possibility of resulting in a minor injury requiring less than one week off work
Minimal Risk	<b>E</b>	Likelihood or possibility of resulting in a very minor injury requiring no more than one day off work

**Table 2 – Likelihood Table and Definitions**

<b>Description</b>	<b>Code</b>	<b>Definition</b>
Probable	<b>A</b>	Likely to occur during the average site programme
Possible	<b>B</b>	50% likelihood of occurring during an average programme
Improbable	<b>C</b>	Extremely unlikely to occur during an average programme

**Table 3 – Risk Rating Matrix**

<b>Severity of Event</b>	<b>Likelihood of Event</b>		
	Probable <b>A</b>	Possible <b>B</b>	Improbable <b>C</b>
Terminal Risk <b>A</b>	<b>Very High</b>	<b>High</b>	<b>High</b>
Severe Risk <b>B</b>	<b>High</b>	<b>High</b>	<b>Medium</b>
Major Risk <b>C</b>	<b>High</b>	<b>Medium</b>	<b>Low</b>
Minor Risk <b>D</b>	<b>Medium</b>	<b>Low</b>	<b>Low</b>
Minimal Risk <b>E</b>	<b>Low</b>	<b>Low</b>	<b>Very Low</b>

**Table 4 – Risk Definitions**

<b>VERY HIGH</b>	Situation requiring immediate plan of action
<b>HIGH / MEDIUM</b>	Situation to be addressed at earliest practical opportunity
<b>LOW / VERY LOW</b>	Situation to be considered as part of normal procedures

## PRINCIPAL DESIGNER DESIGN RISK ASSESSMENT

Ref	Identification of Risk Pre-Construction Phase – Generic Risks	Pre-control Risk Estimate			Control Measures	Primary Responsibility	Residual Risk Estimate		
		S	L	R			S	L	R
1.01	Inadequate Client Brief	D	B	L	Principal Designer to work with Client to produce an adequate Client Brief including Health and Safety issues	Client	E	C	VL
1.02	Inadequate Pre-Construction Information	D	B	L	Principal Designer to work with Client to produce an adequate Pre-Construction Pack including Health and Safety issues	Client	E	C	VL
1.03	Inadequate co-ordination with other Designers	D	B	L	Principal Designer to Liaise with other Designers to ensure complimentary designs including Health and Safety issues and oversee all the designs	Principal Designer	E	C	VL
1.04	Inadequate communication with the Principal Contractor	D	B	L	Principal Designer to set up lines and means of communication with the Principal Contractor and other parties including requests for information, documented responses as well as Health and Safety issues	Principal Designer	E	C	VL
1.05	Inadequate Health and Safety File	D	B	L	Principal Designer to set up the Health and Safety File covering relevant Health and Safety issues	Principal Designer	E	C	VL
1.06	Design Phase	C	C	L	The design has been prepared with due regard for the Client Brief, other designs, correct lighting levels and operation, safety and maintenance – no deviation from the design shall be taken without written approval of the designer	Principal Designer	C	E	VL

Ref	Identification of Risk Construction Phase Plan – Generic Risks	Pre-control Risk Estimate			Control Measures	Primary Responsibility	Residual Risk Estimate		
		S	L	R			S	L	R
2.01	General operations	C	C	L	Provision of operatives' clothing with company logo and Personal Protective Equipment (PPE) – compliance with CDM 2015 Regulations, the Health and Safety Policy and Site Rules in force – compliance with the Principal Contractors' instructions	Principal Contractor	C	E	VL
2.02	Working around children and vulnerable adults (occupied sites)	C	C	L	Operatives to undergo and carry current Disclosure and Baring Service (DBS) documentation checks	Principal Contractor	C	E	VL
2.03	Welfare	C	C	L	Operatives to comply with Company Health and Safety Plan requirements on welfare and any site provisions in force	Principal Contractor	C	E	VL
2.04	Slips and trips	C	A	H	Operatives to comply with Company Health and Safety Plan requirements on good site housekeeping	Principal Contractor	B	C	L
2.05	Lifting and carrying	C	A	H	Operatives to comply with Company Health and Safety Plan on manual lifting and carrying and the correct equipment for heavier loads	All	B	C	L
2.06	Working at heights	A	B	H	Operatives to comply with Company Health and Safety Plan requirements on scaffolding, towers and ladders including mechanical lifts - users and equipment to be certificated	All	C	D	L
2.07	Objects falling from height	B	B	H	Operatives to comply with Company Health and Safety Plan requirements Contractor to ensure toe boards are fitted to all platforms and scaffolds – hard hats to be used by all working under or near high level working - all equipment and materials to be carefully handled at high level with secondary or safety lines if necessary including all lifting operations - no lone working	All	C	C	L
2.08	Working in confined spaces	A	B	H	Operatives to comply with Company Health and Safety Plan requirements on confined spaces working	All	C	D	L
2.09	Contaminated water	A	C	H	Operatives to be aware of the dangers of Leptospirosis and to observe basic hygiene requirements	All	D	C	L
2.10	Task lighting	C	B	M	Operatives to ensure adequate lighting using either existing lighting or festoon lighting supplemented with task lighting	All	E	C	VL

<b>2.11</b>	Plant and equipment	<b>B</b>	<b>B</b>	<b>H</b>	Operatives to comply with Company Health and Safety Plan for the use of the correct tools, plant and equipment in accordance with good working practice, all tools, plant and equipment to be certified safe to use	All	<b>D</b>	<b>C</b>	<b>L</b>
<b>2.12</b>	Working with electricity	<b>A</b>	<b>A</b>	<b>VH</b>	Operatives to comply with Company Health and Safety Plan and only qualified and certified staff to work with electrical services	All	<b>C</b>	<b>C</b>	<b>L</b>
<b>2.13</b>	Working in ancient and listed buildings	<b>D</b>	<b>A</b>	<b>M</b>	Operatives shall take all necessary care and provide al reasonable protection of existing ancient fabric and artefacts – all valuable and vulnerable items to be removed by the client before the works commence	All	<b>E</b>	<b>B</b>	<b>L</b>
<b>2.14</b>	Co-ordination with other services and contractors	<b>E</b>	<b>B</b>	<b>L</b>	Operatives to actively engage in co-ordinating their works with those of other contractors under the leadership of the Architect or Principal Contractor	Principal Contractor	<b>E</b>	<b>C</b>	<b>VL</b>
<b>2.15</b>	Ladders Secured	<b>B</b>	<b>B</b>	<b>H</b>	Ladders to be clamped to ensure that they are not able to move during use.	All	<b>B</b>	<b>C</b>	<b>M</b>
<b>2.16</b>	Working on Roof	<b>A</b>	<b>B</b>	<b>H</b>	Any persons on the roof must be connected to the bulding via a harness at all times. There are existing metal threaded inserts fixed onto the stonework. Eyebolts are to be secured and a lanyard attached prior to working on the roof. The threaded inserts have NOT been tested to determine weight tolerance. Testing and proved before being used.	All	<b>A</b>	<b>C</b>	<b>H</b>
<b>2.17</b>	Bells	<b>E</b>	<b>A</b>	<b>L</b>	The bells should be switched off and left in the down position before any and all works commense.	All	<b>E</b>	<b>E</b>	<b>VL</b>

Ref	Identification of Risk Operating / Maintenance – Generic Risks	Pre-control Risk Estimate			Control Measures	Primary Responsibility	Residual Risk Estimate		
		S	L	R			S	L	R
3.01	Maintenance Schedules and Logs	D	A	M	Plant to be maintained in accordance with the Manufacturers' recommendations and a log kept of the services carried out		E	B	L
3.02	Spares	D	A	M	An adequate schedule of spares to kept – spares with long lead in deliveries to be scheduled in advance or kept on site		E	B	L
3.03	Specialist Contractors	D	A	M	Contracts to be paced with Specialist Contractors as required		E	B	L
3.04	Emergency Lighting	C	B	M	Emergency lighting tests to be carried out as required by the latest Regulations and a log kept of the inspections carried out		E	C	VL
3.05	Electrical Testing and Periodic Inspection Report	A	A	VH	Electrical Testing and Periodic Inspection Reports to be carried out by qualified engineers and at a frequency as required by the manufacturers or insurance companies		C	C	L
3.06	Lifting and carrying	C	A	H	Operatives to comply with Company Health and Safety Plan on manual lifting and carrying and the correct equipment for heavier loads		B	C	L
3.07	Working at heights	A	B	H	Operatives to comply with Company Health and Safety Plan requirements on scaffolding, towers and ladders including mechanical lifts - users and equipment to be certificated	Contractor	C	D	L
3.08	Objects falling from height	B	B	H	Operatives to comply with Company Health and Safety Plan requirements Contractor to ensure toe boards are fitted to all platforms and scaffolds – hard hats to be used by all working under or near high level working - all equipment and materials to be carefully handled at high level with secondary or safety lines if necessary including all lifting operations - no lone working	All	C	C	L
3.09	Task lighting	C	B	M	Operatives to ensure adequate lighting using either existing lighting or festoon lighting supplemented with task lighting	Contractor	E	C	VL

<b>3.10</b>	Plant and equipment	<b>B</b>	<b>B</b>	<b>H</b>	Operatives to comply with Company Health and Safety Plan for the use of the correct tools, plant and equipment in accordance with good working practice, all tools, plant and equipment to be certified safe to use	Contractor	<b>D</b>	<b>C</b>	<b>L</b>
<b>3.11</b>	Working with electricity	<b>A</b>	<b>A</b>	<b>VH</b>	Operatives to comply with Company Health and Safety Plan and only qualified and certified staff to work with electrical services	Contractor	<b>C</b>	<b>C</b>	<b>L</b>
<b>3.12</b>	Working in ancient and listed buildings	<b>D</b>	<b>A</b>	<b>M</b>	Operatives shall take all necessary care and provide al reasonable protection of existing ancient fabric and artefacts – all valuable and vulnerable items to be removed by the client before the works commence	All	<b>E</b>	<b>B</b>	<b>L</b>
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