RISK ASSESMENT

LIKELIHOOD	SEVERITY				
	1 LOW	2 LOW	3 LOW	4 LOW	5 LOW
	2 LOW	4 LOW	6 LOW	8 MEDIUM	10 MEDIUM
	3 LOW	6 LOW	9 MEDIUM	12 MEDIUM	15 HIGH
	4 LOW	8 MEDIUM	12 MEDIUM	16 HIGH	20 HIGH
	5 LOW	10 MEDIUM	15 HIGH	20 HIGH	25 HIGH

Key:

Likelihood

1. Highly unlikely to occur

2. Possibility remote but has occurred

3. Very infrequently

4. Occasionally

5. Frequently and regularly

Severity

1. Minor injury no time off work.

2. Injury resulting in up to three days off work

3. Injury resulting in more than three days off work

4. Major disabling injury (e.g. loss of a limb or an eye)

5. Fatality

Risk Value	Recommended action
Low (1 to 6)	May be acceptable; however, review the task to see if the risk can be reduce further.
Medium (8 to 12)	Where possible, the task should be redefined to take account of the hazards involved or the risk should be reduced further, prior to task commencement. Appropriate management authorization after consultation with specialist personnel and an assessment team may be required.
High (15 to 25)	Unacceptable. The task should be redefined or further control measures put in place to reduce the risk. The controls should be re-assessed for adequacy, prior to task commencement.

ACTIVITY/ HAZARD Use procedure as a guide	HAZARD EFFECT Type of injury/damage/ environmental impact	PEOPLE AT RISK Who might be harmed A: worker B: the public C: other trades people D: equipment	RISK VALUE Refer to procedure	CONTROL MEASURES Existing and proposed	RESIDUAL RISK
Working at height	Fatality, serious injury	A	3x5=15 HIGH	Use of certified equipment, competent personnel. Equipment to be stored in secure area when not in use.	1x5=5 LOW
Lifting a load	Manual handling, muscular sprain	A	3x3=9 MEDIUM	Clear instruction to be given at tool box talks, planned lifts, personnel to perform warm-up exercises before undertaking any strenuous activity	3x2=6 LOW
Falling objects	Impact injuries, damage to equipment	A, B, C	4x3=12 MEDIUM	Tools and equipment secured, heavy items to be independently secured. Competent personnel. Working areas to be barred. Third parties to be kept clear. Permit to Work	1x3=3 LOW
Weather forecast Rain, fog, snow, wind, cold, hot, dark.	Fatality, serious injury, damage equipment	A, B, C	5x5=20 HIGH	Checking weather forecast before start work and all working time. Cant work at heavy raining or snowing, fog, night time. Assess risk of cold or hot weather, wind speed.	1x4=4 LOW

Use of Tools	Dropped objects, Fatality or injury to personnel or damage to asset. Dropped objects relating to equipment	A, B, C	3x5=15 HIGH	Tools and material kept in tool bags until required. Area below work site berried if appropriate. No work above or below work party. Area below work site to be berried. All tools secured. Small tools used with lanyards	1x5=5 LOW
Communication	Bad communication, noisy area	B,C	3x4=12 HIGH	Use correct communication arrangements: voice, Radio, telephones, signs	1x4=4 LOW
Evacuation	Evacuation place and plan	B,C	5x5=20 HIGH	All personal must know evacuation plan before start work.	1x5=5 LOW
Electrical tools	personal equipment	A,C, B ,D	5x5=25	All tools must by check before start work.	1x5=5 LOW

Assessment completed by

Name	Position	Signature/ date