ASSESSMENT

 risk assessment is provided to assist the operator in determining the level of the hazard found.

The risk assessment utilises the 5 x 5 methodology and risk is assigned as a product of probability and severity.

Risk Score = Probability X Severity

A final qualitative risk rating of high, medium or low is the obtained from an outcome matrix based upon the calculated risk score.

Risk Score

The following tables give examples of the factors, which may be considered to determine the appropriate levels of probability and severity utilised in the calculation of quantitative risk scores.   Examples indicated are not exhaustive.

Probability Score	Probability of Occurrence
1 – Very Low	No significant probability • Lightening Strike
2 – Low	Minimal probability of occurrence. Requires significant factor or combination of factors to take place • Significant increase in intensity of use.
3 – Moderate	Moderate probability. An added factor is needed to cause an Accident. Designed use is unlikely to be problematic, additional Factor is required. • Covers or guards loose, removed or vandalised • Absent guard rail or barrier at high levels
4 – High	High probability. Accident is probable without any added factor. • Glass contaminant in loose fill surface • Exposed sharp edges on equipment
5 – Very High	Very High probability. If the situation is not addressed an accident is almost certain. • Severely worn chains / shackles • Severely damaged surfacing with impact area

Severity Score	Severity of injury
1 – Very Low	No injury likely e.g. damaged or soiled clothing, minor bruising
2 – Low	Minor injury – Laceration or bruising requiring first aid only
3 – Moderate	Injury requiring medical intervention e.g. laceration requiring stitches, sprain, fracture of small bones of hand or foot.
4 – High	Serious injury including hospitalisation for observation e.g. concussion, fracture of long bones of leg/arm, back/neck injuries, fractured skull
5 – Very High	Severe injury involving the potential for permanent disability e.g. amputation, loss of sight, spinal injury, fatality.