OHS Risk Management

ESTABLISH THE CONTEXT

RISK IDENTIFICATION

RISK ANALYSIS

RISK TREATMENT

RISK EVALUATION

Current Risk Level

Consequence + Likelihood

Residual Risk Level
**RISK MANAGEMENT PROCESS**

- **Establish the Context**
  - Internal/external factors
  - Objectives
  - Appetite for risk

- **Risk Assessment**
  - **Risk Identification**
    - Describe the risk
    - Find risk source or trigger
    - Potential consequence
  - **Risk Analysis**
    - Understand the risk
    - Determine level of risk
  - **Risk Evaluation**
    - Consider risk appetite
    - Determine acceptability

- **Communication & Consultation**

- **Monitor & Review**

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**Level of Risk**

<table>
<thead>
<tr>
<th>Level of Risk</th>
<th>Risk Treatment Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW</td>
<td>Manage by routine procedures at local management level.</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>Management responsibility must be specified and response procedures monitored.</td>
</tr>
<tr>
<td>HIGH</td>
<td>Senior management attention needed and management responsibility specified.</td>
</tr>
<tr>
<td>EXTREME</td>
<td>Immediate action required and must be managed by senior management with a detailed plan.</td>
</tr>
</tbody>
</table>

**Consequence Table**

<table>
<thead>
<tr>
<th>PPE</th>
<th>Level of Health and Safety Protection</th>
<th>Reliability of Control Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HIGHEST</td>
<td>MOST</td>
</tr>
<tr>
<td></td>
<td>Eliminate</td>
<td>Substitute</td>
</tr>
<tr>
<td></td>
<td>Substitute</td>
<td>Isolate</td>
</tr>
<tr>
<td></td>
<td>Isolate</td>
<td>Engineer</td>
</tr>
<tr>
<td></td>
<td>Engineer</td>
<td>Administrate</td>
</tr>
<tr>
<td></td>
<td>Administrate</td>
<td>PPE</td>
</tr>
</tbody>
</table>

**Likelihood**

- Almost Certain
- Likely
- Possible
- Unlikely
- Rare

**Consequence**

- Near Misses - No Injury
- First aid treatment may be required
- Medical treatment may be required
- Serious injury requiring admission to hospital
- Fatality or permanent disability

- Magnificent
- Minor
- Moderate
- Major
- Catastrophic