

# THE BUILDING MAINTENANCE COMPANY RISK ASSESSMENT



GENERIC

SITE SPECIFIC

GRA08

Activity/Element
Use of Abrasive Wheel/Disc machines

Potential Hazards
Employees or non-employees being injured. Fire Risks. Abrasive particles causing eye injury. Damage to hearing . Health hazards arising from exposure to dust and/or abrasive particles.

**RISK RATING:** Consequence x Likelihood = Risk Rating

Consequence	Likelihood	Risk Rating
1 Negligible/No effect <input type="checkbox"/>	1 Extremely Remote <input type="checkbox"/>	1-4 Trivial <input type="checkbox"/>
2 Marginal <input type="checkbox"/>	2 Remote <input type="checkbox"/>	5-8 Acceptable <input type="checkbox"/>
3 Critical <input checked="" type="checkbox"/>	3 Reasonably Probable <input checked="" type="checkbox"/>	9-12 Substantial <input checked="" type="checkbox"/>
4 Catastrophe <input type="checkbox"/>	4 Probable <input type="checkbox"/>	13-16 Intolerable <input type="checkbox"/>

**BEFORE CONTROLS:**

CONSEQUENCE

3

LIKELIHOOD

3

RISK RATING

9

**People Affected by the works:-**

Members of the Public

Site Staff

Site Operatives

Visitors to Site

**CONTROL MEASURES:**

- Establish if Hot Work Permit Arrangements are required.
- Abrasive wheel machines/grinders will only be used by fully trained and competent operatives.
- The Risk Assessment will include for Adverse Events/Emergencies e.g. Fire and Evacuation.
- Assessment shall be made for selection and duration of use for possible Environmental issues - Noise Pollution.
- When using abrasive wheels or discs, be careful not to crack or damage them in any way.
- Only suitable abrasive wheels will be selected for each work process with the appropriate disc fitted to the correct spindle, and do not mount more than one disc on a single spindle unless the equipment is designed otherwise.
- Machines onto which abrasive wheels/discs are to be mounted will be properly maintained and marked with the appropriate spindle speed. All such materials will NOT be misused.
- Abrasive wheel/grinding machines will not be used unless suitable guards are fitted to contain fragments, should the wheel/disc disintegrate.
- Areas in which machines are to be operated will be maintained clear and free from any obstructions.
- All employees and non-employees, where abrasive wheel machines are in use will wear suitable Personal Protective Equipment (PPE) including eye protection.
- Noise will be reduced to lowest possible level and where action levels are likely to be affected, ear protection will be provided and must be worn where required.
- Where dust is likely to be created and present any hazard to health a Risk Assessment shall be carried out with further control put in place following assessment findings.
- Further use of PPE must be considered and be appropriate to the particular activity following assessment.

N.B. Employees duties under Regulation 14 of MHSWR to inform employer of any circumstances which might indicate a shortcoming in the above assessment.

**AFTER CONTROLS:**

CONSEQUENCE

3

LIKELIHOOD

2

RISK RATING

6

Project:

Generic

Date

Issued To:

Issued By :

MJ Lancaster

Signature:

Signature:

Position:

Position:

Health & Safety Manager

Reviewed: February 2022