

Designer Contracts Ltd

Reference: GEN-UaMCDEU

Risk Assessment

Title	General – Using a M Class Dust Extraction Unit & H Class Industrial Vacuum Cleaner	Date Of Assessment	Thu 13 Aug 2026
Site	Designer Contracts Ltd	Location	All sites
Risk Assessor	Laura Cross	Assisted By	Antony Maidens
Non-Employees Involved	–	People At Risk	Contractors, Employees
Task Description	General Risk Assessment		
Review Date	Sun 01 Aug 2027	Reviewer	Laura Cross

Hazards

Hazard	General H&S
Risk Of Harm	General H&S
Existing Control Measures	1. Checks to be in place for overall condition of unit cord and attachments. 2. Ensure LEV (Local Exhaust Ventilation) service is completed every 14 months (approx £145+vat) see H&S for details. 3. Keep the cord length (if applicable) is kept to a minimum to avoid further hazards. 4. Ensure the equipment is switched off before plugging in or unplugging from power source. 5. Make sure you have read and have a copy of Using a Floor Grinder Risk Assessment.

Hazard	Slips, Trips & Falls
Risk Of Harm	Serious Injury to self and others
Existing Control Measures	1. Ensure appropriate training has been undertaken to use the equipment 2. Ensure electrical cables do not become raised from the floor during operation 3. Place appropriate signs to alert other of work taking place

Hazard	Electricity
Risk Of Harm	Serious injury to self and others
Existing Control Measures	1. Check electrical cables for any signs of faults. If equipment is faulty do not use and report to site manager/line manager 2. Ensure that the equipment is PAT tested and in date 3. Ensure the equipment is switched off before plugging in or unplugging from power source 4. Use 110 volt tools and a transformer or battery powered tools or a circuit breaker for any 240 volt tools .

Hazard	Musculoskeletal Injuries
Risk Of Harm	serious injury to self
Existing Control Measures	1. Ensure correct working postures are adopted when using equipment

Hazard	Airborne fibres and materials and dust
Risk Of Harm	Serious harm to yourself or others.
Existing Control Measures	1. Make sure there is proper ventilation. 2. Sweeping – the HSE say to avoid sweeping where possible so M-Class hoovers must be used at every opportunity and also to attach to tools that generate dust if they have an attachment for this. 3. If you cannot attach the M-Class Hoover to the tool, powered respirator hoods (with facial Hair) and FFP3 masks (clean shaven) must be worn, (Face fit) certificates to be provided to site for the FFP3 wearers. 4. If there are any dangerous fumes, workers should not be allowed to enter any confined space under such circumstances. 5. Separate Using M Class Dust Extraction Risk Assessment to be issued and read by users.

Hazard	Noise
Risk Of Harm	Serious harm to yourself or others.
Existing Control Measures	1. Provide appropriate PPE where necessary. Stay away from sources of excessive noise. 2. A noise assessment should be done from time to time (Inform Site management if working in the vicinity of excess noise)

Hazard	Vibration
Risk Of Harm	Serious harm to self
Existing Control Measures	1. Do not use for prolonged periods of time. 2. Always use Correct PPE

Hazard	Transformer
Risk Of Harm	Electric Shock and injury to self
Existing Control Measures	1. Pre-Use Checks: Inspect the plug, cable, sockets, and casing for cracks or exposed wires before powering on. Quarantine damaged units immediately. 2. Load Management: Verify that total tool wattage remains below the transformer rating. 3. Placement & Environment: Position the transformer on a clear, dry, and stable surface away from wet locations and vulnerable floor coverings that might suffer heat damage. 4. Ensure the unit undergoes regular Portable Appliance Testing (PAT) per workplace safety policies.