

Shop Equipment Safety Checklist – Belt/Disc Sander

Date: _____ Name of Assessor: _____

Dept: _____ Building & Room: _____ Shop: _____

Machine Manufacturer: _____ Model: _____ Serial No: _____

Supply Voltage: _____ V 1 phase 3 phase

OEM Operator’s Manual Readily Available? Yes No

All items marked “NO” must be corrected.

| # | YES | NO | N/A | Checklist Item | Comment | Date Corrected |
|---------------------------------|--------------------------|--------------------------|--------------------------|---|---------|----------------|
| Section A – Installation | | | | | | |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The machine is securely restrained to prevent movement in accordance with the machine manufacturer’s recommendations or sound engineering practices. 8 CCR §3328(d) | | |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The machine’s electrical attachment plug is connected directly to the building’s wiring and that wiring’s ampacity is rated for at least 125% of the machine’s full load current. 24 CCR 3 §670.4(A) (2022) | | |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The machine’s power cord and plug are in good condition with no cuts or fraying of the insulation. 8 CCR §3328(c) | | |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The machine is equipped with a means to promptly disconnect power, such as a switch, in case of emergency. 8 CCR §4001 | | |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | If the machine is powered by permanent conductors from the building’s wiring, the incoming power supply circuit is terminated at a disconnecting means located immediately adjacent to the machine. 24 CCR 3 §670.4(B) / NFPA 79 §5.1.9.6 (2021) | | |
| 6 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The disconnecting means is legibly marked to indicate the equipment it disconnects. 24 CCR 3 §110.22 / NFPA 79 §5.1.9.2 (2021) | | |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | All disconnecting means enclosures are marked with a safety sign in accordance with ANSI Z535.4 to warn qualified persons of potential electric shock and arc flash hazards. 24 CCR 3 §110.16 / NFPA 70E §130.5(H) | | |

| # | YES | NO | N/A | Checklist Item | Comment | Date Corrected |
|---|--------------------------|--------------------------|--------------------------|---|---------|----------------|
| 8 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A minimum of 36 inches of clearance is provided in front of disconnecting means to ensure safe maintenance. 24 CCR 3 §110.26 (2022) | | |
| 9 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A written and verified Hazardous Energy Control procedure (Lock Out Tag Out / LOTO) is readily available for the machine. 8 CCR §3314(G) | | |

Section B – Safeguarding

| | | | | | | |
|---|--------------------------|--------------------------|--------------------------|---|--|--|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | All points of operation are adequately guarded. 8 CCR §4184(a) & 4188 | | |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The belt sander is equipped with guards that prevent contact with the nip points formed by the sanding belt and pulleys. 8 CCR §4312 | | |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The disc sander is protected by a guard around the entire periphery of the disc. 8 CCR §4313 | | |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The table of the disc sander is adjusted to within ¼ inch of the disc at all points. 8 CCR §4313 | | |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | All belt and pulley power transmission parts are adequately guarded. 8 CCR §4070 | | |

Section C – Industrial Hygiene

| | | | | | | |
|---|--------------------------|--------------------------|--------------------------|---|--|--|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A noise survey has been performed while the machine is in normal operation. 8 CCR §5097(b) | | |
|---|--------------------------|--------------------------|--------------------------|---|--|--|

Section D – Housekeeping

| | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--|--|--|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | If so equipped, the machine’s power cord is positioned so that it does not become a tripping hazard to the operator? 8 CCR §3273(a) | | |
|---|--------------------------|--------------------------|--------------------------|--|--|--|