

Shop Equipment Safety Checklist – Metal Shear

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 portions of the cutting blade are guarded except that portion at the point of operation. 8 CCR §4227(a)		
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hold downs are sufficiently guarded. 8 CCR §4227(b)		
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The back side of the shear is guarded by an awareness barrier or pressure sensing safety device (PSSD). 8 CCR §4227(e)		
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Foot-operated controls are protected from unintended operation. 8 CCR §4185		
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The foot treadle is enclosed to prevent contact by personnel. 8 CCR §4184(a)		

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)		
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Section D – Housekeeping

1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand tools are provided for retrieving all scrap pieces with potentially sharp edges and waste is being placed in hard-sided waste containers on at least a daily basis. 8 CCR §3330(a)		
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