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	STANDARD: **OSHA 29 CFR 1910.252 & NFPA 51B**	AUDIT FREQUENCY: **Daily Pre-Shift**

Welding Hot Work Permit Daily Log Sheet

Operational Scope: This daily log sheet governs all temporary cutting, welding, and hot work operations across manufacturing facilities. Its primary objective is fire prevention and hazard mitigation by enforcing mandatory pre-work authorizations and continuous safety verifications.

MANDATORY PPE:	Welding Helmet with Auto-Darkening Filter (ANSI Z87.1), Flame-Resistant Leather Jacket and Sleeves, Goatskin/Cowhide TIG/MIG Welding Gloves, Steel-Toe Safety Boots (ASTM F2413), Safety Glasses with Side Shields, Hearing Protection (Earplugs/Earmuffs)
PREREQUISITES:	Hot work operator and fire watch personnel certified and briefed on site-specific emergency shutdown procedures. | Valid Hot Work Permit issued, countersigned, and visibly displayed at the immediate job site. | Ventilation systems verified operational for confined or indoor workstation areas.

AREA PREPARATION & FIRE PREVENTION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Combustible Material Clearance**	All combustibles, flammable liquids, and dust accumulations removed within a 35-foot (11m) radius or protected with certified fire-retardant blankets.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Floor and Wall Openings**	All cracks, floor openings, and wall gaps sealed or covered to prevent passage of sparks, slag, and hot metal to lower levels or adjacent rooms.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Fire Extinguishing Equipment**	At least one operable 20-lb ABC dry chemical fire extinguisher (or charged water hose line) present, inspected, and unobstructed at the immediate work zone.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

EQUIPMENT INTEGRITY & GAS SUPPLY

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
4	**Torch, Hoses, and Regulators**	Oxy-fuel hoses free of cuts, kinks, burns, and oil contamination; flashback arrestors installed and functioning properly on both torch and regulator ends.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
5	**Compressed Gas Cylinders**	Cylinders secured securely in an upright position on a dedicated cart or chained to a structural wall, with valve protection caps in place when not in active use.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
6	**Electric Welding Leads and Ground**	Welding cables unfrayed, free of exposed copper wire or makeshift splices, and the work return clamp securely attached directly to the workpiece.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

ATMOSPHERIC TESTING & FIRE WATCH OPERATIONS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
7	**Atmospheric Gas Testing**	Multi-gas monitor calibrated and verified showing 20.9% oxygen, 0% LEL, and zero toxic gas presence before starting work in designated confined or restricted spaces.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
8	**Fire Watch Assignment**	Dedicated Fire Watch personnel present with continuous visual sight of all exposed areas, equipped with an alarm-raising device, and briefed on emergency protocols.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
9	**Post-Work Fire Watch Duration**	Fire Watch maintained for a minimum of 60 minutes following the cessation of hot work to check for smoldering materials and hidden thermal conduction zones.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A

Certified Hot Work Operator / Fire Watch Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Site Safety Supervisor / Operations Manager Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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