

Foreman/Supervisor's Signature: _

Tailgate/Toolbox Safety Training Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786



Date: Start Time: Finish Time: Foreman/Supervisor: Topic 667: MIG and TIG Welding (Electric Shock) Introduction: Only qualified workers should operate MIG and TIG Welding (Electric Shock) Introduction: Only qualified workers should operate MIG and TIG welders. Following are safety guidelines for ensuring safe operations: Electric shock: Touching live electrical parts can cause fatal shocks or severe burns. The electrode and work circuit is electrically live when the output is on. The input power circuit and machine internal circuits are also live when power is on. In semiautomatic or automative welding, the wire, wire red, drive roll housing, and all metal parts touching the welding wire are electrically live when the output is on the following process on the property grounded equipment is a hazard. **Do not use AC output in damp areas, when movement is confined, or if there is a danger of falling. Use AC output only if required for the welding process. When AC output is required, use remote output control if present on unit. Safety precautions are required when any of the following electrically hazardous conditions are represents. **In damp locations or while wearing wet clothing** On metal structures such as thoros, gratings, or scaffolds When in cramped positions such as sitting, kneeling, or lying for these conditions, such the following equipment in order presented: 1) A semiautomatic DC constant voltage (wire) welder 2) A DC manual (stick) welder Disconnect input power or stop engine before installing or servicing equipment. Lockout/tagout input power according to Safety Stand Properly install and ground the equipment according to the owner's manual and and national, state, and local codes. Always verify the supply ground. Check and be sure that the input power cord ground wire is properly grounded receptate outlet. When making input connections, attach proper grounding conductor first. Double-check connections. **Frequently inspect input power cord for damage or bare wiring, Replace cord imm	Company Name:		Job Si	te Location:	द्धा दम
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Material Safety Data Sheets Reviewed: (Name of Che Employee Signatures: (My signature attests and verifies my understanding of and agreement to comply with, all company safety parts and verifies my understanding of and agreement to comply with, all company safety parts are safety parts.	Electric shock: Touching the output is on. The input welding, the wire, wire ree Do not touch live elect Wear dry, hole-free inside big enough to prevent a Do not use AC output is only if required for the Safety precautions are req In damp locations or On metal structures s When in cramped post For these conditions, use a 1) A semiautomatic D 2) A DC manual (stick Disconnect input power Properly install and grow Always verify the supp ground terminal in the When making input co Frequently inspect input Remember, bare wiring Do not use worn, dama When earth grounding Do not touch electrode Use only well-maintain Wear a safety harness in Clamp work cable with Insulate work clamp w Do not connect more the Never overload building Allow cooling period; for Reduce current or redured Keep cables close Arrange cables to Do not coil or dra Conclusion: Retrain worker	ied workers should operate workers should operate electrical parts cannot power circuit and many power circuit and many physical contact with a damp areas, when many of the while wearing wet clot such as floors, gratings, sitions such as sitting, land the following equipment acts of the constant voltage (with a widelength of the workpiece is required when any of the constant voltage (with a widelength of the workpiece is required to the equipment acts of the workpiece is required to the workpiece is required to the workpiece is required to the equipment. Repair of the workpiece is required to the equipment. Repair of the workpiece is required to the equipment workpiece is required to the equipment of working above floor a good metal-to-metal of hen not connected to what one electrode or workpiece is required to the connected to what one electrode or workpiece is required to the connected to what one electrode or workpiece is required to the connected to what one electrode or workpiece duty cycle before stand the connected to what one electrode or workpiece is required. Be sure power of the workpiece is required to the connected to what one electrode or workpiece is required. Be sure power of the workpiece is required to the connected to what one electrode or workpiece is required. Be sure power of the workpiece is required to the connected to what one electrode or workpiece is required. Be sure power of the workpiece is required to the connected to what one electrode or workpiece is required. Be sure power of the workpiece is required to the connected to the co	erate MIG and TIG welders. For cause fatal shocks or severed anachine internal circuits are and all metal parts touching the installed or improperly ground by protection. Insulate yourself with the work or ground. The provided protection is confined, or if there in AC output is required, use responsible for scaffolds and thing or scaffolds who welder in a confined presented: The installing or servicing equipment in order presented: The installing or servicing equipment in order presented: The installing or servicing equipment when one in use. The providing to the owner's manual one sure that the input power contact the cord plug is connected to a confusion of the providing conductor first. It is the provided cables. Do not draw the provided providing machines at the same or replace damaged parts at or level. Keep all panels and covernated, to workpiece or workthe work cable to any single weld on the provided provided again. To reduce the prevent contact work prevent contact wore	ollowing are safety guidelines for ensuring purns. The electrode and work circuit is election in the work and ground by using dry in the work and ground with the work and present: An AC welder with reduced open-circuit work and national, state, and local codes. The properly grounded receptacle outlet. The properly grounded receptacle outlet. The properly grounded receptacle outlet. The work as practical with any metal object. The work as near the weld as practical. The work as near the weld as practical. The work as near the weld as practical. The work are magnetic fields in the work place, use the keep welding power source and cable from operator as practical. Connect work clamp to work piece possible. The work work work work work work work work	rcuit voltage welder is recommended. g to Safety Standards. will be present. t. e following procedures: les as far away as close to the weld as
Employee Signatures: (My signature attests and verifies my understanding of and agreement to comply with, all company safety p					(Name of Chamical)
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