

SuperFlash / Ibeda Inc. Gas Safety Checklist

Item Yes No

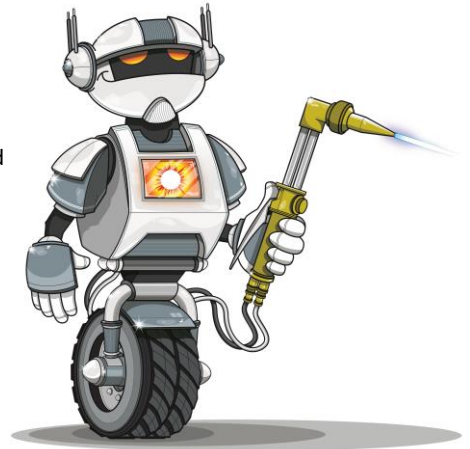
TRAINING

1. Is welding and gas safety awareness training conducted at least once per year for all welders, gas users, and supervisors of these personnel? Does this training include all parts of 29 CFR Part 1910, 1915, 1917, and 1926 that are relevant to your operation?

2. Are equipment repair and maintenance personnel qualified and experienced to identify equipment and compressed gas safety and productivity issues such as worn or leaking welding hose, broken regulator gauges, leaking pipelines, defective or improper selection of equipment (I.e. gas flow capacity too small or too large for the job)?

3. Are all employees instructed in the location of appropriate fire extinguishing equipment and proper procedures in case of an accident or emergency?

4. Have vendors provided evidence and copies of documents on file of their qualifications to specify, supply, service, train, and / or repair the equipment or service they provide?



EQUIPMENT

5. Are proper operating instructions provided for each operator and are they required to follow all of them?

6. Are all hoses, torches, couplings, gauges, and other equipment inspected at the beginning of each work session?

7. Are there safety mechanisms in place that prevent oxygen and fuel gas hoses from being interchanged or otherwise ensure that each hose has no more than one gas passing through it?

8. Have gas pipelines and gas supply systems been installed and serviced according to the manufacturer's instructions by a qualified vendor?

9. Are welders and gas users provided with appropriate and adequate personal protective equipment, trained to use it, and using it?

10. Are welders and gas users using equipment that has third party (U/L, ETL, or FM) approvals (no homemade or inexpensive unqualified imported equipment)?

11. Are regulators, torches, and point of use for all gases being evaluated supplied with proper approved safety devices like flashback arrestors and check valves?

12. Are cylinders, cylinder valves, couplings, regulators, hoses, and apparatus always kept free of oil, grease and other contaminants?

13. Are operators ensuring that the mixture of oxygen or air and fuel gases other than in approved torch mixers being avoided?

REFERENCES

REFERENCES & FURTHER READING / LINKS (in addition to those cited in the Gas Welding article, AWS Journal, November, 2010)

1. United States Department of Labor, OSHA, Welding Cutting, & Brazing, Safety & Health Tips: <http://www.osha.gov/SLTC/weldingcuttingbrazing/index.html>
2. American Welding Society (AWS) Safety & Health Fact Sheet 1: 2005
3. Protective equipment check list (OSHA 29 CFR 1910.252), Lab Safety & Industrial: <http://www.labsafety.com/refinfo/ezfacts/ezf109.htm>
4. ESAB Oxy Handbook: http://www.esabna.com/EUWeb/OXY_handbook/589oxy1_1.htm
5. Fire Hazards from Gas Welding: http://www.youtube.com/watch?v=ui3ynOqihYY&feature=player_embedded
6. Preventing Welding Flashback: <http://www.toolboxtopics.com/Gen%20Industry/Preventing%20Welding%20Flashback.htm>

Disclaimer:

The information in this document is provided by SuperFlash Compressed Gas Equipment LLC, as general guidance only and may not explain all relevant safety regulatory hazards or requirements for your application.



28825 Ranney Parkway, Westlake, Ohio 44145 U.S.A.
 telephone: 001 440-716-9960 • toll-free 001 888-327-7306
 fax: 001 440-871-9964

e-mail: sales@oxyfuelsafety.com
 website: www.oxyfuelsafety.com