


# 10 TIPS

## FOR ROBOTIC WELDING SAFETY

Safety is key in any robotic welding operation. Keep this list handy as a reminder of best practices.

- 1**  **WARNING READ INSTRUCTIONS.** Read and follow all labels and the Owner's Manual carefully before installing, operating, or servicing unit. Read the safety information at the beginning of the manual and in each section.
- 2 FOLLOW ALL LOCKOUT/TAGOUT PROCEDURES**  
when entering the welding cell.
- 3 ALWAYS DE-ENERGIZE THE SYSTEM**  
when installing a robotic MIG gun or consumables.
- 4 WEAR LEATHER OR THICK WORK GLOVES, SAFETY GLASSES AND STEEL TOE BOOTS\***  
and use the proper tools when changing consumables.
- 5 AVOID WEARING LOOSE CLOTHING OR JEWELRY**  
when interacting with the robot.
- 6 RESET THE NOZZLE CLEANING STATION**  
to a home state, **DE-ENERGIZE IT** and **FOLLOW LOCKOUT/TAGOUT PROCEDURES** during maintenance.
- 7 WEAR GLOVES AND USE TWO WRENCHES TO REMOVE AND INSTALL NOZZLE CLEANING STATION CUTTER BLADES.**  
Reset the equipment to a home state when finished.\*
- 8 PERIODICALLY TEST E-STOPS,**  
which turn off the robot in an emergency, to ensure proper operation.
- 9 WEAR A BUMP CAP**  
when entering the welding cell for inspection or maintenance.\*
- 10 KEEP THE WELDING CELL AND THE FLOOR CLEAN**  
of debris, tools and anti-spatter compound.

\* ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT (PPE) MAY BE REQUIRED IN SPECIFIC LOCATIONS. FOLLOW ALL LOCAL SAFETY REQUIREMENTS.

FIND SAFETY RESOURCES FROM AMERICAN WELDING SOCIETY (AWS.ORG), NATIONAL FIRE AND PROTECTION ASSOCIATION (NFPA.ORG), ROBOTICS INDUSTRIES ASSOCIATION (ROBOTICS.ORG), AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA.GOV)