



Visitor, Observer, and Demonstration Safety Guide

Category: Visitors

Audience: Sales, supervisors, visitors, customers

Badge: Visitor Safety

Guide for safely hosting visitors, customers, vendors, and observers during robotic welding demonstrations and facility tours.

Important limitation: This document is a general planning aid only. It does not replace OSHA requirements, employer safety programs, equipment manuals, SDS review, qualified risk assessment, training, lockout/tagout procedures, PPE selection, or competent safety review.

Visitor Control

- Visitors should be escorted and kept outside controlled robotic cell boundaries.
- Provide required PPE and explain arc flash, fume, hot work, noise, robot motion, and trip hazards before viewing.

Demonstration Rules

- Use approved demonstration programs and controlled conditions.
- Do not allow visitors to enter the cell, touch equipment, bypass guarding, or stand in traffic/lift paths.

Photography and Confidentiality

- Follow site policy for photos, videos, supplier information, costs, and customer parts.
- Do not share confidential machine, program, vendor, pricing, or customer information without authorization.

Field Checklist

Item	Verified	Notes
Visitor escorted		
PPE issued		
Viewing zone defined		
Demo program approved		
No cell entry		
Photo policy explained		
Confidentiality controlled		

Reference Basis

- OSHA 29 CFR 1910 Subpart Q - Welding, Cutting and Brazing.
- OSHA 29 CFR 1910.147 - Control of Hazardous Energy (Lockout/Tagout).
- NIOSH welding fume and manganese exposure resources.
- RAS equipment planning information for robotic arc welding systems using 480V / 60Hz / 3-phase power, RAS-500PR power supply, water-cooled torch packages, torch cleaning, and wire cutting stations.

Revision: RAS Safety Knowledge Base expanded safety resource set. Verify against current site-specific rules before use.