



ESC Manufacturing/Inspection/Testing Capabilities

ESC is a 70+ year old company, having over 50 years experience designing and building sanitary equipment. The company is proud to state that it is employee owned.

Shop Size

ESC buildings total 50,000 sq. ft. with 40,000 sq. ft. dedicated to stainless manufacturing space.

Lifting Capabilities

8 Cranes ranging in capacity from 500 lbs. to 6,000 lbs. and having under hook operating heights of 10 to 12 feet.

3 Fork trucks having capabilities ranging from 4,000 lbs. to 8,000 lbs.

Equipment

- 120" Continuous Belt Polisher/Polishing Lathe and Assorted Polishing Tools
- Programmable Whitney 50T Punch
- Shear, 10'
- Press Brake, 10' 175T
- Roll, 60"
- Milling Machine and Lathes
- Fanuc Robodrill CNC 5 Axis
- Pipe/Tube Bender, 2.5"
- 5 Orbital ARC Machines with 7 heads to 1/4" to 6"
- 5 Miller Syncrowave Welders
- Tube cutoff and facing machines
- 3 Abrasive Water Jet Cutting Machines with largest table size being 12' x 12'

Loading Area

- Indoor standard recessed dock with floating dock plate
- Flat paved outdoor area for flatbed loading/unloading

Mild Steel Area

- 20 x 60 ft. bay isolated and dedicated to mild steel work having its own hoist, saw, welding equipment, threading equipment and tools.

Inspection Equipment

- Niton x-ray analyzer #XLT598W & Olympus X-Ray Analyzer
- Olympus digital borescope #1PLEX LT
- Hawkeye V2 Digital Borescope
- Various gages, digital level, profilometers, pin gages, depth gages, height gages, torque wrenches, temperature gages, flow meters, oxygen sensors, etc. All are calibrated to NIST per schedule, typically annually.

Design/CAD Capabilities

- 5 stations AutoCAD 3D Mechanical & Inventor 2020 version

Certification

Welders certified in stainless and Hastelloy to ASME Section IX
AWS Certified Weld Inspectors
UL 508A (NITW) - Industrial Control Panels
UL 698A (NRBX) - Intrinsically Safe Control Panels
UL NNNY - Industrial Control Panels for use in Hazardous Locations

Electropolishing

EP line for smaller components