These facilities, staffed by United Association of Plumbers and Steamfitters Local 400, and Sheet Metal Workers Local 18 members, serve AZCO’s field construction needs, along with providing pipe and metal fabrication to engineering and construction firms throughout the country and internationally.

Our segregated shops ensure that special welding conditions are met for both ferrous and non-ferrous metals. Materials are inventoried by project and specifications, and controlled within our eleven acres of secured storage area. Small bore and large bore piping systems, in diameters ranging from $\frac{1}{2}''$ to 72'', can be accommodated.

AZCO has three separate Quality Programs in place:
- ASME Section 1 - Certificates include “A”, “S”, “PP”, Section VIII “U”, National Board Certificate “R” renewed every three years.
- ASME - Non-Boiler external piping ASME B31.1, B31.3, B31.8, Structural Steel, etc.
- API Quality Program - Fabrication and installation of pipelines and related facilities.
Additionally, AZCO self-performs complete heat-treating services for fabricated pipe spools and welded assemblies, utilizing our own in-house furnace with a maximum temperature of 1,450 degrees Fahrenheit and a load capacity of 20 Tons.

The utilization of semi-automatic, submerged arc weld processes, high-capacity turntables, and weld positioners allow AZCO to efficiently fabricate project requirements.

Spool capacity ranges from 400 – 600 spools per week, depending on material type, pipe diameter, and wall thickness.

Our customers benefit from reduced cost, reduced risk, and schedule improvements.
**Floor Space**

30,000 sq. ft.

**Cranes**

- (3) – Five ton overhead crane
- (1) – Three ton overhead crane
- (3) – Two ton overhead crane
- (12) – One ton jib cranes
- (1) – Two ton jib cranes

**Equipment**

- (1) – SPC -1200 RB Automated Pipe Cutting Machine 6 Axis
  - 2 ½” – 48” Diameter / .25” wall – 3” thickness
- (2) – Miller Plasma Arc Cutting Machines
- (20) – Miller Welding Machines
- Standard grinding and end-prepping equipment
- (13) – Welding Positioners Gen III
- (4) – Submerged Arc Weld Systems
- (1) – Furmanite HeatMaster
- (1) – Cooperheat and 10 Miller induction heating equipment
- (1) – EHS Hot Foil 50’ x 12’ x 12’ Heat Treatment Furnace
  - Furnace Load Capacity – 20 Tons
  - Maximum Temperature – 1,450 Fahrenheit
- (3) – Generation V Positioner Turntables
  - 8,000 lb capacity, 115º hydraulic adjustable tilt – 2’11” to 8’
  - 360º Rotation clockwise / counter clockwise
  - 80,000 inch pounds torque
  - Bi-directional foot controller with 40’ cable
  - Rotation torque of 100,000 inch pounds

(3) – Generation IV Positioner Turntables
- 3,000 lb capacity with 115º hydraulic adjustable tilt
- Programmable acceleration and deceleration
- Bi-directional foot controller with 40’ cable
- .5 to 3.52 RPM infinitely variable rotation
- 30,000 inch pounds torque

**Pre-Fabricated Materials**

- Carbon Steel
  - All grades and types of E.R.W. and Seamless materials
  - Standard weight through double extra-strong
- Chrome
  - P5, P9, P11, P22, and P91 materials
  - Standard weight through min.—wall requirements

**Capacity**

- (2) 10-hour shifts per day, (4) days a week—Monday through Thursday
- 90,000 man-hours per year
**Floor Space**
- 15,000 sq. feet

**Cranes**
- (1) – 5 Ton overhead crane
- (3) – 2 Ton overhead cranes
- (10) – 1 Ton jib cranes

**Equipment**
- (1) – Vernon MPM-4 Automated Plasma Pipe Cutting Machine 4 Axis
  - 2 ½” – 48” Diameter / .25” wall – 3” wall thickness
- (2) – George Fisher Orbital Pipe Cutters
  - 1½” – 6” Diameter / .065” wall – .134” wall thickness
- (3) – Miller Plasma Arc Cutting Machines
- (11) – Miller Welding Machines
- (1) – HEM Saw VT100 LM60
- (2) – E.H. Wachs Hydraulic Pipe Bevelers
- (2) – Arc Machines, Inc. orbital weld machines
- (8) – Welding Positioners

**Pre Fabricated Materials**
- **Carbon Steel**
  - All grades and types of E.R.W. and Seamless materials
  - Standard weight through double extra-strong
- **Chrome**
  - P5, P9, P11, P22, and P91 materials
  - Standard weight through min.—wall requirements
- **Stainless Steel (Segregated Bay)**
  - All grades and types
  - Schedule 5 through Schedule 80, E.R.W. and Seamless
- **Special Alloys**
  - Hastelloy, Monel, Inconel
  - Duplex 2205, A254SMO, AL6XN

**Capacity**
- (2) 10-hour shifts per day, (4) days a week—Monday through Thursday
- 70,000 man-hours per year
**Floor Space**
14,000 Sq. feet

**Storage**
3,000 Sq. feet covered storage, 10,000 Sq. feet outdoor storage

**Cranes**
(1) – 50 Ton, twin hook, overhung bridge crane with 20 Ton auxiliary hook (30’ under hook)
(9) – 1 Ton jib cranes

**Doors**
(2) – 18’ wide x 18’ clearance height

**Equipment:**

**Welding**
(12) – Miller welding machines

**Cutting**
(1) – Automatic vertical high-speed production band saw
HEM Model VT 120 HA-60
(1) – Horizontal band saw - Marvel Model Hercules S330/2

**Shearing**
Hydraulic sqaring shear (Accushear)
Maximum cutting width—10’
Slitting capability—12’
Shearing capacities—Mild steel such as: 1020, or A36 (1/2” thick)
Stainless Steel such as: A240 (3/8” thick)
Aluminum alloys such as: 1100 or 3003 (5/8” thick)
Ironworker structural shear (Scotchman65)
Shearing capacity—Plate: 3/4” thick x 20”
Angle iron: 6” x 6” x 1/2”
Punching: 1-1/2” diameter thru 1” thick plate- 16” throat depth

**Plasma Arc**
Messer Model SM1000- Fabricator Computer Operated
Maximum burning capacity—2” thick plate
Table size—72” wide x 144” long

**Bending**
Press brake (Accupress Model 725012)
- Maximum tonnage—250 tons
- Total overall die length—12’ x 0”
- Length between housings—10 x 4”
- Throat depth from die centerline—10”

**Bending capacity**
5/16” thick & lighter- 12’ long
1/2” thick plate- 8’ long
5/8” thick plate- 5’ long

**Sheet/Plate Rolling**
Digital operated pinch type roller (ROUND0 Size PS255/10)
Rated capacity—9/16” thick x 10’ width
Minimum diameter rolled—14”
5’ Power Roll - E.G. Model 1550/4

**Capacities**
1/2” & lighter x 10’ width x diameter >2’
5/8” plate x 8’ width x diameter > 4’
3/4” plate x 4’ width x diameter > 4’

**Tank Turning Rolls**
Fuller (JFRD – 20)
Rated Capacity—6” – 14’ diameter
Maximum Weight—30 tons

**Lightgauge Ductwork (16 GA & Under)**
Pittsburgh Machine
Piplock Machine
Duct Break 10’
Hand Breaks