PIPE AND METAL FABRICATION
AZCO

0.5” TO 90” DIAMETER RANGE CAN BE ACCOMMODATED

60K SQUARE FEET OF COMBINED SHOP FLOOR SPACE

UP TO 600 SPOOLS PER WEEK CAPACITY

0.5” TO 90” DIAMETER RANGE CAN BE ACCOMMODATED
CONTINUOUS QUALITY IMPROVEMENT IN EVERY PROJECT

AZCO is an employee-owned, full-service industrial constructor and fabricator. Headquartered in Appleton, Wisconsin, we provide pipe and metal fabrication throughout the U.S., serving power generation, refinery and petrochemical, food and beverage, and general manufacturing industries.

We have 60,000 square feet of enclosed shop space dedicated to carbon steel, stainless steel, chrome-moly and metal fabrication. These fabrication facilities serve our field construction needs and provide pipe and metal fabrication to engineering and construction firms throughout the country.

Our segregated shops see that special welding conditions are met for both ferrous and nonferrous metals. Materials are inventoried by project and specifications, and controlled within our 11 acres of secured storage area.

Additionally, we self-perform complete heat-treating services for fabricated pipe spools and welded assemblies, utilizing our own in-house furnace.
SAFETY

Our zero-injury expectation is a corporatewide focus for everyone, from upper management to apprentices in the field. We have established this concept as a core value of safety first, all the time.

Safety is our number one value in our fabrication shops. Employees are expected to perform the necessary work and return home injury-free at the end of each day. We are committed to the belief that all injuries are preventable, and we will not compromise safety over schedule, cost or production.

The AZCO Safety Department includes a director, administrative assistant, project safety managers and project safety coordinators. Many projects are staffed with safety managers or coordinators who function as a resource to the project team, providing assistance with orientation, training, site audits and incident investigation.

SAFETY MEETINGS

Our Safety Department and project team review all tasks prior to commencement for any potentially hazardous conditions or situations. These are discussed and remediated through our daily and weekly safety meetings.

JOB SAFETY OBSERVATIONS

Our behavior-based program actively engages all levels of management, from front-line supervisors to the president of the company, to make daily safety observations and interact with employees.

SAFETY ACADEMY

All members of AZCO management are required to attend an intense three-day safety course. The class focuses on safety policies, procedures and safety management on a project site and in our fabrication shops.

WEEKLY JOB PROGRESS REPORTS

A safety representative conducts job site progress reports on a weekly basis. The reports recognize potential hazards and safe work practices and are directed to the project superintendent and management for review.

FABRICATION SHOP SAFETY

Processes implemented in our fabrication shop include:

- Cut-resistant gloves policy
- Grinder training
- Incident review
- Safety glasses fit testing
- Recognition program
- Daily and weekly safety meetings
- Twice daily pre-task planning, prior to work and after lunch, to refocus on safety
- Advanced quarterly trainings for all employees

CORE VALUES

- Safety
- Integrity
- Respect
- Customer-Focused
- Creativity
QUALITY ASSURANCE

Quality assurance is broader than just weld inspection. We are committed to our client’s satisfaction, including making the construction process more seamless, upgrading methods and materials, extending the life expectancy of equipment, and expanding overall safety and reliability.

We strive for continuous quality improvement in all that we do to be ranked as a premier heavy industrial contractor and fabricator. Our satisfied customers are essential to our success. We will achieve total customer satisfaction by understanding our customers’ needs and satisfying those needs through flawless execution and application of required codes and standards.

QUALITY IN THE SHOP

Our pipe spools, supports and welded assemblies are inspected to confirm accuracy, weld quality and conformance to the design and specifications of each customer.

To provide our customers the finest welded product, our quality control personnel are Certified Welding Inspectors in accordance with AWS QCI. Customers are welcome to schedule a tour and/or audit our facilities to see that quality and compliance criteria are being achieved for their project.

AZCO QUALITY PROGRAMS

- ASME Section 1: A, S, PP, VIII-U, National Board Certificate R
- ASME non-boiler external piping B31.1, B31.3, B31.8, Structural Steel
- API Quality Program

FabKinect, AZCO’s project controls system, is a state-of-the-art dynamic program that offers real-time status updates for our users. From drafting to scheduling to pricing, FabKinect serves as one convenient platform, allowing users to be able to track the movement, progress and specific detail of each spool progression throughout the fabrication process.
PIPE FABRICATION FACILITY — SHOP 1

2150 Holly Road
Neenah, WI 54956

FLOOR SPACE
30,000 square feet

CRANES
(3) 5-ton overhead cranes
(1) 3-ton overhead crane
(3) 2-ton overhead cranes
(1) 2-ton jib crane
(12) 1-ton jib cranes
(1) 1/2-ton jib crane
(3) 1/4-ton jib cranes

EQUIPMENT
(1) HGG SPC 1200 RB automated pipe cutting machine, six-axis
(2) Miller plasma arc cutting machines
(20) Miller Pipeworx welding machines
(11) Generation II welding positioners
(13) Generation III welding positioners
(5) Generation IV welding positioners
(3) Generation V welding positioners
(5) Submerged arc weld systems
(1) Hot Foils Local 20 channel resistance unit
(8) Miller induction heating units
(1) EHS Hot Foil heat treatment furnace
50 feet x 12 feet x 12 feet
(29) 3”-16” pipe expanders

PREFABRICATED MATERIALS
Carbon steel
Chrome-moly
PIPE FABRICATION FACILITY — SHOP 2

2150 Holly Road
Neenah, WI 54956

FLOOR SPACE
15,000 square feet

CRANES
(2) 5-ton overhead cranes
(3) 2-ton overhead cranes
(10) 1-ton jib cranes

EQUIPMENT
(1) Vernon MPM-4 automated plasma pipe cutting machine, four-axis
(2) George Fisher orbital pipe cutters
(3) Miller plasma arc cutting machines
(11) Miller welding machines
(1) HEM saw VT100 LM60
(2) E.H. Wachs hydraulic pipe bevelers
(8) Welding positioners

PREFABRICATED MATERIALS
Carbon steel
Chrome-moly
Stainless steel
Special alloys
METAL FABRICATION FACILITY

2600 N. Roemer Road
Appleton, WI 54911

FLOOR SPACE
14,000 square feet

STORAGE
3,000 square feet covered storage
10,000 square feet outdoor storage

CRANES
(1) 50-ton, twin hook, overhead
  bridge crane with 20-ton auxiliary
  hook (30 feet under hook)
(9) 1-ton jib cranes

DOORS
(2) 18 feet by 18 feet clearance height

EQUIPMENT
Welding
(12) Miller welding machines

Cutting
(1) HEM model VT 120 HA-60
  automatic vertical high-speed
  production band saw
(1) Marvel model Hercules S330/2
  horizontal band saw

Shearing
Accushear hydraulic squaring
shear — 10 feet maximum cutting
width; 12 feet slitting capability.
Shearing capacities: mild steel
such as 1020 or A36 (1/2-inch
thick); stainless steel such as
A240 (3/8-inch thick); aluminum
alloys such as 1100 or 3003
(5/8-inch thick)

Scotchman 65 ironworker structural
shear — Shearing capacity: 3/4-inch
thick by 20 inches plate. Angle iron:
6 inches by 6 inches by 1/2 inch.
Punching: 1 1/2 inches diameter
through 1 inch thick plate, 16 inches
throat depth

PLASMA ARC
Messer model SM 1000
computer-operated fabricator —
2 inches thick plate maximum burning
capacity; Table size: 72 inches wide by
144 inches long

BENDING
Accupress model 725012 press brake —
250 tons maximum tonnage;
10 feet by 4 inches length
between housings;
12 feet total overall die length;
10 inches throat depth from
die centerline

BENDING CAPACITY
5/16-inch thick and lighter,
12 feet long
1/2-inch-thick plate, 8 feet long
5/8-inch-thick plate, 5 feet long

SHEET/PLATE ROLLING
ROUNDO Size PS255/10 digitally
operated pinch-type roller —
9/16-inch thick by 10 foot width
rated capacity; 14 inches minimum
diameter rolled; EG model 1550/4;
5-feet power roll

CAPACITIES
1/2-inch and lighter by 10-foot width x
greater than 2 feet in diameter
5/8-inch plate x 8-foot width x
greater than 4 feet in diameter
3/4-inch plate x 4-foot width x
greater than 4 feet in diameter

TANK-TURNING ROLLS
Fuller (JFRD-20)
6 inches to 14 feet in diameter
rated capacity
30 tons maximum weight

LIGHT GAUGE DUCTWORK
(16 GA AND UNDER)
Pittsburgh machine
Pipe lock machine
10 foot duct brake
Hand brakes
EXPERIENCE

1  EMPIRE GENERATING CONVERSION PROJECT
   Empire District
   Riverton, Kansas
   We provided shop-fabricated P91 chrome-moly and heavy-wall carbon steel pipe spools for risers, downcomers, and burner and SCR systems, including shop-installed valves as well as fabricated lube oil, control oil, gland steam, spray water and drain piping for the turbines for the Empire District conversion project.

2  SALEM HARBOR COMBINED CYCLE PLANT
   Iberdrola/Footprint Power LLC
   Salem, Massachusetts
   Our team contracted with Iberdrola LLC for the above-ground balance of plant piping, critical piping and mechanical equipment installation on two 1 x 1 configured combined-cycle natural gas power blocks. Our scope of work consisted of the prefabrication of all large-bore, chrome, carbon steel, stainless steel, Victaulic piping and supplemental pipe support steel. In addition, we performed on-site installation of 94,000 linear feet of large-bore and small-bore chrome-moly, carbon steel, stainless steel and Victaulic piping. We also installed all UA equipment and performed precision grouting and equipment alignment.

3  ANADARKO PETROLEUM FABRICATION
   Anadarko Petroleum Corp.
   Midwest, Wyoming
   We provided the piping valve set fabrication for the Salt Creek, West Loop Build-Out Project, including CO₂ gathering, production gathering, CO₂ injection, H₂O injection systems, fabrication of SAB area pipe spools and stainless-steel pipe spool fabrication for RCS3 system for enhanced oil recovery.
4 **OREGON CLEAN ENERGY CENTER**  
*Black & Veatch*  
*Oregon, Ohio*
Our team provided services at the OCE Center, replacing several aging coal-fired power plants with a $865$ MW $2 \times 1$ combined-cycle plant to significantly reduce air emissions and increase power output to over $500,000$ homes. We installed $60,000$ linear feet of balance of plant piping, associated equipment, $3,000$ tons of structural steel for the steam turbine building, combustion turbine building, and pipe rack. We also assisted. Our Fabrication Division provided critical pipe fabrication for the high-pressure and low-pressure main steam piping, cold reheat steam piping, hot reheat steam piping and piping for the turbine bypass station as well as all balance of plant pipe spool fabrication.

5 **HUMBOLDT MILL**  
*Gundlach/Lundin Mining Corp.*  
*Champion, Michigan*
We fabricated and installed $42,000$ feet of carbon steel piping and pipe supports, valves and fittings. The team also installed $18,000$ feet of above-ground HDPE piping and equipment, including tanks, silos, copper and nickel thickening tanks, pumps, compressors, flotation cells, concentrator building dust collector and ductwork, and the secondary crushing dust collector and dust collection ductwork. Our Fabrication Division self-performed the procurement and fabrication of all the piping as well as the fabrication of all piping supports and dust collection ductwork.

6 **CANOLA OIL EXTRACTION PIPE FABRICATION**  
*Cargill Inc.*  
*Saskatchewan and Alberta, Canada*
We fabricated stainless steel and carbon steel pipe spools for extraction, enzymatic degumming and utility piping systems for canola oil processing facilities: Project Dawn, Project Westwood and Project Wildrose in Saskatchewan and Alberta, Canada.