



# MODERN WELDING COMPANY OF OWENSBORO, INC.

1450 E. Parrish Avenue - P.O. Box 1450

Owensboro, Kentucky 42303

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Subsidiary Survey No. 1

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## A. ADMINISTRATIVE PERSONNEL:

Wayne Hicks	Vice President / Manager
Heath Roby	Tank Department Manager
Nick Austin	ASME Fabrications Manager

## B. PRINCIPAL PRODUCTS AND CONSTRUCTION STANDARDS

Manufacturers of ASME pressure vessels; underground and aboveground storage tanks and many other fabricated steel products serving the petroleum, chemical, agricultural, and other US industries across the nation.

Atmospheric storage tank construction standards include: Underwriter's Laboratories UL-58, UL-1746 and UL-142. Oil water separators are built to Underwriters Laboratories construction standard, UL-2215. Fire rated aboveground storage tanks are built to Underwriter's Laboratories, UL-2085 and Southwest Research Institute fire testing criteria.

Pressure vessels including towers, columns, drums, and vessels including LP tanks and tank systems for storage/dispensing of propane, butane, and anhydrous ammonia are built to ASME Section VIII Division I "U" stamped certification. Modern also has "R" stamp certification to perform repairs and alterations to pressure vessels.

Product names include:

- Glasteel™, Glasteel II™, STIP3™, and ACT-100 underground storage tanks.
- Modern's aboveground "IOC", Integrated Overflow Compartment tanks provide specialized over-fill protection.
- STI's, F-921® are double wall aboveground storage tanks.
- Fireguard™ and Flameshield, are fire-rated aboveground storage tanks.
- Klerwater™ is Modern's underground and aboveground gravity displacement oil water separator line.

Other recognized tank construction standards include API-650, API-650 Appendix J and API-620. Tanks can also be built to the American Water Works, AWWA, M-42 and D100 standards.

Storage tanks and vessels can be provided with internal lining/coatings applied in-house as required for special applications including storage of jet fuel, potable water, or specific chemicals/solutions. Subcontracted linings include rubber, baked phenolic linings or fluoropolymers for challenging storage applications.

Miscellaneous steel fabricated products include: large diameter welded pipe including "Y"s and "T"s, duct work, bins, hoppers, chutes, specialty dredge hulls and equipment, and knock-down fabricated parts for field-erected tanks.

Wholesale/retail Steel Service Center stock includes flat bar, angle, beams, grating, pipe, sheet steel and plates. Custom shearing, breaking, burning and sawing is available. Steel plates, sheets, angles and flats can also be rolled and formed to your specifications.

C. AVERAGE PRODUCTION PER MONTH: 1,500 tons

D. APPROXIMATE PRODUCTION AREA:

1. Inside building 100,000 sq. ft.
2. Outside building 132,000 sq. ft.

E. MAXIMUM LIFTING AND SHIPPING CAPACITY- 120 tons

F. SHIPPING OPTIONS INCLUDE HIGHWAY, WATERWAY, RAIL  
OWENSBORO RIVERPORT DESIGNATED PORT OF ENTRY APPROX. 6 MI  
NOTE: APPROXIMATE RAIL OR TRUCK CLEARANCE OUT OF CITY:

1. Height 14 ft.
2. Width 14 ft.
3. Length 200 ft.

G. PLATE ROLL CAPACITY: (FOR CARBON STEEL)

1. Width 10 ft.
  2. Thickness 1 1/8 in.
- Note: Maximum fabrication thickness: 2 3/4 in.

H. TYPES OF MATERIAL FABRICATED:

1. Carbon steel
2. Stainless Steel

I. AUTHORIZED INSPECTION AGENCY:

HSB Global (Hartford Steam Boiler Inspection and Insurance Company)

J. NON-DESTRUCTIVE TESTING FACILITIES:

1. X-ray - 300 KVP at 5 MA, with darkroom facilities
2. Magnetic particle - wet and dry
3. Liquid dye penetrant
4. Ultrasonic (subcontracted)
5. Hydropneumatic per ASME, API
6. Pneumatic per UL, API, ASME

K. STRESS RELIEVING FACILITIES:

Subcontracted with furnaces located near Louisville KY and St Louis MO  
NOTE: In-house/in-place PWHT is available

L. BLASTING CLEANING AND COATING FACILITIES

1. Environmentally controlled paint booth; 18' x 85'
2. Blast media includes steel grit and/or "black beauty"
3. Fiberglass application available for some applications

M. GENERAL FACILITIES:

1. Shearing:
  - a. Straight - 3/4" x 12 ft.
  - b. Rotary - 3/8" x 12 ft. dia.
2. Bending and Forming:
  - a. 90 ton press break - 10' bed
  - b. 400 ton press break - 12' bed
  - c. 700 ton press brake - 16' bed
3. Weld Equipment/Process - Manual, submerged arc, GMAW, GMAW-S, FCAW-G, FCAW-S, TIG