



# MODERN WELDING COMPANY OF GEORGIA, INC.

300 Prep Phillips Dr.

Augusta, Georgia 30901

Ph: (706) 722-3411 - Fax (706) 724-8133

Subsidiary Survey - No. 14

Email: [modern14@modweldco.com](mailto:modern14@modweldco.com) Website: [www.modweldco.com](http://www.modweldco.com)

## A. ADMINISTRATIVE PERSONNEL:

Murray Hiller	Vice-President/Manager
Jim Culpepper	Tank Department Manager
Robert Brown	Special Fabrications Manager
Tim Wells	Steel Warehouse Sales

## B. PRINCIPAL PRODUCTS AND CONSTRUCTION STANDARDS

- Manufacturers of underground, aboveground, ASME pressure vessels and many other steel fabricated 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 can be built to ASME Section VIII, Division 1 pressure vessels, "U" stamped certification. Modern also has "R" stamp certification to perform repairs and alterations to boilers and pressure vessels.
- Propane vessel manufacturing including dispensing equipment

Product names include:

- Glasteel™, Glasteel II™, STIP3™, ACT-100, ACT-100-U, underground storage tanks.
- STI's, F-921® are double wall aboveground storage tanks.
- Fireguard™ and Flameshield, are aboveground fire rated storage tanks.
- Klearwater™ is Modern's underground and aboveground gravity displacement oil water separator line.
- Modern's AST-10, AST-20 and AST-40 are our complete aboveground fuel dispensing systems designed to meet a variety of fuel handling requirements.

Other recognized tank construction standards include in Modern's product line is the American Petroleum Institute's, API-620, API-650-J and API-650. Tanks can also be built to the American Water Works, AWWA, M-42 and D100 standards.

Storage tanks and vessels can be prepared with special linings or coatings as specified. These special coatings can be for jet fuel or potable water. Other special linings can be rubber or baked phenolic linings for special chemical handling applications.

Other steel fabricated products include: Flotation pontoons for dredging operations, large diameter welded pipe, duct work, bins, hoppers, hydro-pneumatic tanks, potable water tanks.

Steel Service Center supplying carbon steel structural shapes for all construction needs is available. Stock includes flat bar, angle, beams, grating, pipe, sheet steel and plates. Custom shearing, braking, burning and sawing is available. Steel plates, sheets, angles and flats can also be rolled and formed to your specifications.

C. AVERAGE PRODUCTION PER YEAR: 6000 Tons

D. APPROXIMATE PRODUCTION AREA:

1. Inside building 44,000 sq. ft.
2. Outside building 100,000 sq. ft.

E. MAXIMUM LIFTING AND SHIPPING CAPACITY: 40 tons

F. APPROXIMATE RAIL OR TRUCK CLEARANCE OUT OF CITY:

	Rail	Truck
1. Height	14 ft.	15 ft.
2. Width	12 ft.	14 ft.
3. Length	80 ft.	80 ft.

G. PLATE ROLL CAPACITY: (FOR CARBON STEEL)

1. Width 10 ft.
2. Thickness 3/4 in.

The limitation or absence of equipment from the above list does not limit our capacity of fabrication as there is ample equipment in the Atlanta, GA and Charlotte, NC area at our disposal for forming and working heavier plate

H. SHIPPING FACILITIES:

1. Railroad: Seaboard Coast Lines sidings in building
2. Water: Loading and unloading facilities on Savannah River
3. Truck: Company owned fleet and numerous common carriers

I. ORGANIZATIONAL BREAKDOWN: (AVERAGES)

1. Engineering personnel	3
2. Shop personnel	30
3. Welders	15
4. Qualified ASME code welders	15

J. TYPES OF MATERIAL WELDED:

1. Carbon Steel
2. Stainless Steel
3. Aluminum

K. ASME AND NATIONAL INSPECTION AGENCY

The Hartford Steam Boiler Inspection and Insurance Company

L. NON-DESTRUCTIVE TESTING FACILITIES:

1. X-ray - 250 KVP at 8 MA, with darkroom facilities
2. Magnetic particle
3. Liquid penetrant

M. STRESS RELIEVING FACILITIES:

Outside sources

N. BLAST CLEANING AND COATING FACILITIES: YES

O. GENERAL FACILITIES:

1. Shearing
  - a. Straight - 1/2 in. x 12 ft.
  - b. Rotary - 3/8 in. x 12 ft. dia.
2. Bending and Forming - 400 ton press brake 12 ft. bed.
3. Angle Rolling - 5"x 5" x 3/8" in. plus other structural shapes.
4. Welding Equipment – Manual SMAW, submerged arc SAW, GMAW, FCAW and TIG.
5. Computerized Plasma Burning Table.