



MODERN WELDING COMPANY OF OHIO, INC.

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Newark, Ohio 43058

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Subsidiary Survey No. 5

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A. ADMINISTRATIVE PERSONNEL:

Doug Rothert V.P. & Plant Manager

B. PRINCIPAL PRODCUTS AND CONSTRUCTION STANDARDS

Manufacturers of underground, aboveground 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.

Product names include:

- Glasteel™, Glasteel II™, STIP3™, ACT-100, ACT-100-U, underground storage tanks.
- Modern's aboveground "IOC", Integrated Overflow Compartment tanks provide specialized overfill protection.
- STI's, F-921® are double wall aboveground storage tanks.
- Fireguard™ and Flameshield, are aboveground fire rated storage tanks.
- Kleerwater™ 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 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, coal and water haulers and underground mining support arches.

C. AVERAGE PRODUCTION PER YEAR: 5,000 tons

D. APPROXIMATE PRODUCTION AREA:

Inside building 52,000 sq. ft.

Outside building 108,000 sq. ft.

Outside under crane 25,000 sq. ft.

E. MAXIMUM LIFTING AND SHIPPING CAPACITY: 40 tons

F. APPROXIMATE RAIL OR TRUCK CLEARANCE OUT OF CITY.

1. Height 14 ft. 0 in.
2. Width 14 ft. 0 in.
3. Length 100 ft.

G. PLATE ROLL CAPACITY- (FOR CARBON STEEL)

1. Width 10 ft.
2. Thickness 5/8" for 10'width
(We use outside sources for heavier materials)

H. SHIPPING FACILITIES:

1. Trucking: Company owned fleet and numerous common carriers

I. TYPES OF MATERIAL WELDED:

1. Carbon steel - various grades and alloys
2. Stainless steel and nickel alloys
3. Aluminum

J. NON-DESTRUCTIVE TESTING FACILITIES:

1. X-ray - 250 KVP at 5 MA, with darkroom facilities
2. Magnetic particle
3. Penetrant examination
4. Ultrasonic - outside source

K. STRESS RELIEVING FACILITIES:

Outside sources

L. BLASTING AND COATING FACILITIES:

1. In-plant blasting and coating facilities for most requirements
2. Outside sources for special coatings and linings

M. 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
 - a. 400 ton press brake 14' bed
 - b. 4 x 4 x 1/2 angle rolls
3. Welding Equipment
 - a. Manual, SMAW
 - b. Submerged arc, SAW
 - c. GMAW
 - d. TIG
 - e. FCAW
4. Plasma cutting to 2 inch thickness.