



# MODERN WELDING COMPANY OF TEXAS, INC.

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Houston, Texas 77020

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Subsidiary Survey No. 7

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## A. ADMINISTRATIVE PERSONNEL:

Kirk Killingsworth	Plant Manager
Greg Fenwick	Special Fabrications Manager
Steve French	Quality Control Manager

## B. PRINCIPAL PRODUCTS AND CONSTRUCTION STANDARDS:

- Since 1932 Modern Welding Company has served the petroleum industry with fabricated steel products for upstream producers, midstream refiners and the downstream marketers and jobbers.
- Modern manufacturers of underground, aboveground steel storage tanks, ASME pressure vessels and custom carbon and stainless 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.
- 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.
- Pressure vessels are built in accordance with the ASME Section VIII, Division 1 code with "U" stamped certification. Modern also has "R" stamp certification to perform repairs and alterations.
- Modern manufacturers Liquefied Petroleum Gas vessels for propane, butane, anhydrous ammonia industries including dispensing equipment for associated service applications.

### 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.
- SuperVault™ 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.

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.

C. AVERAGE PRODUCTION PER YEAR: 2,000 tons

## D. APPROXIMATE PRODUCTION AREA:

1. Inside building 53,000 sq. ft.
2. Outside building 160,000 sq. ft.

E. MAXIMUM LIFTING AND SHIPPING CAPACITY: 75 tons  
(Outside sources available for heavier lift capacities)

F. APPROXIMATE TRUCK CLEARANCE OUT OF CITY:

1. Height 18 ft.
2. Width 18 ft. 6 in.
3. Length 150 ft.

G. PLATE ROLL CAPACITY (FOR CARBON STEEL):

1. Width 10 ft.
2. Thickness 1 3/4" for 10'width

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

H. SHIPPING FACILITY:

1. Water: Ocean cargo and inter-coastal waterways through Port Houston.
2. Trucking: Company owned fleet and numerous common carriers

I. TYPES OF MATERIAL WELDED:

1. Group P1 – P5 Carbon Steel and low alloy
2. Group P8 – Stainless Steel (304 & 316 with L grades)

J. ASME AND NATIONAL INSPECTION AGENCY:

The Hartford Steam Boiler Inspection and Insurance Company

K. NON-DESTRUCTIVE TESTING:

1. Magnetic Particle
2. Liquid Penetrant
3. X-Ray (Local Testing Lab)
4. Brinell Hardness

L. STRESS RELIEVING FACILITIES:

Local Sources

M. GRIT BLASTING AND COATING FACILITIES (ALL WEATHER):

1. Multiple Coat Systems
2. Fiberglass
  - a. Chopped
  - b. Matt

N. WELDING EQUIPMENT:

SMAW, SAW, GMAW, GTAW & FCAW