



TRANSTECH ENERGY

12,000-Gallon Storage Vessel Rocky Mount, NC

VESSEL SPECIFICATIONS

Manufacturer	Year	Capacity	PSI	Serial Number / National Board Number
MTC	1960	12,000	250	40738 / 1765

The vessel listed is ASME certified and was manufactured by Mississippi Tank Co. It has a National Board number with a U-1A data sheet. The vessel is 57-foot in length and 6-foot in diameter. Its elliptical heads are .4869" thick and its shell sections are .6113" thick.



FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only

1. Manufactured by MISSISSIPPI TANK COMPANY, INC. HATTIESBURG, MISSISSIPPI
(Name and address of Manufacturer)

2. Manufactured for Bennett Gas Co. Augusta La.
(Name and address of Purchaser)

3. Type Hris. Vessel No. (40738) (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 1765 Yr. Built 1960
(Horiz. or Vert.)

4. SHELL: Mtl. A 212 B T. S. 70 M Nom. Tk. .6113 in. Allow. _____ in. Diam. 6 ft. 0 in. Length 57 ft. 0 in. Corr.

5. SEAMS: Long Double Weld S.R. No X.R. Spot Sectioned No Efficiency 80 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
 Girth Double Weld S.R. No X.R. Spot Sectioned No No. of Courses _____

6. HEADS: (a) Material C-1056 B T.S. 75 M (b) Material C-1056 B T.S. 75 M

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter (Convex or Concave)	Side to Pressure
(a) <u>End</u>	<u>.4869</u>			<u>2:1</u>			<u>Concave</u>	
(b) <u>End</u>	<u>.4869</u>			<u>2:1</u>			<u>Concave</u>	

If removable, bolts used _____ Other fastening _____
(Material, Spec. No., T. S., Size, Number) (Describe or Attach Sketch)

7. Constructed for Int. pressure of 250 psi. Max. Temp. 650 °F. Subzero _____ °F. Hydrostatic Test 375 psi.
(Max.)

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 2" Location Top

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	Weld Attached
	<u>1</u>	<u>3"</u>	<u>3000# Coup.</u>	<u>Steel</u>	<u>Various</u>		<u>Fug Weld</u>
	<u>1</u>	<u>1"</u>	<u>3000# Coup.</u>	<u>Steel</u>	<u>Various</u>		<u>Fuse Weld</u>
	<u>3</u>	<u>2"</u>	<u>8000# Coup.</u>	<u>Steel</u>	<u>Various</u>		<u>Fuse Weld</u>
	<u>2</u>	<u>1/4"</u>	<u>6000# Coup.</u>	<u>Steel</u>	<u>Various</u>		<u>Fuse Weld</u>

10. INSPECTION Manholes, No. _____ Size _____ Location _____
 OPENINGS Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt _____ Lugs _____ Legs _____ Other _____ Attached _____
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 12,000 Water Gallon Capacity Bulk Storage Tank.

This vessel manufactured in accordance with ASME Code 1959 Edition.

(Brief description of purpose of the vessel as Air Tank, Water Tank, L. P. G., Etc. — State Contents.)

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date JUN 8 - 1960 19 _____ Signed Mississippi Tank Company, Inc. By W.B. Foley
(Manufacturer)

Certificate of Authorization Expires December 31, 1961

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. _____

VESSEL MADE BY Mississippi Tank Company, Inc. at Hattiesburg, Mississippi

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF La. and employed by _____ the state of Miss. inspected internally and externally, the vessel described in this report on _____ 1960 and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date JUN 8 - 1960 19 _____

Albert H. Colby
 Inspector's Signature

Commissioner

THE NATIONAL BOARD OF BOILER
& PRESSURE VESSEL INSPECTORS

RECEIVED
MAR 15 1961