

1962 Edition

CHICAGO BRIDGE & IRON COMPANY
FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
ALTERNATE FORM FOR SINGLE CHAMBER COMPLETELY SHOP-FABRICATED VESSELS

1. Manufactured by CHICAGO BRIDGE & IRON COMPANY at BIRMINGHAM, ALABAMA Contr. No. 8-7391
2. Manufactured for CHEMSTRAND COMPANY GONZALES, FLORIDA
(Name and Address of Purchaser)
3. Type HORIZ. Vessel No. 4219 (Mfrs. Serial) (State & State No.) Nat'l Bd. No. 3455 Yr. Built 1963
(Horiz. or Vert.)
4. SHELL: Mat'l T.S. 70,000 Nom. 15/16 Corr. 0 In. Dia. 10 Ft. 10 In. Lgth. 47 Ft. 2 In. 11/16
(Kind, Spec. No., Flg or Fbx) (Spec. Min. T.S.) Thk. In. Allow. In. PAR. UW-12
Mat'l T.S. Thk. In. Allow. In. PAR. UW-12
5. SEAMS: Long Dbl. Butt S.R. yes X.R. comp Sectioned no Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth Dbl. Butt S.R. yes X.R. comp Sectioned no No. of Courses 4
6. HEADS: (a) Material T.S. 70,000 (b) Material T.S.

If riveted or
brazed describe
seams fully under
remarks.

| Location (Top, bottom, ends) | Thickness | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex Angle | Hemispherical Radius | Flat Diameter | Side to Pressure (Convex or Concave) |
|---------------------------------|-----------|-----------------|-------------------|---------------------|-----------------------|-------------------------|------------------|---|
| (a) Ends | 15/32 | | | | | 5'5-1/32" | | concave |
| (b) | | | | | | | | |

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

7. Constructed for (Int.) pressure of 250 psi. Max. Temp. 650°F. Subzero ---°F. Hydrostatic Test 375 psi.
8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 4 Location shell

| Purpose (Inlet Outlet, Drain) | Number | Diam. or Size | Type | Material | Thickness | Reinforcement Material | How Attached |
|----------------------------------|--------|---------------|-----------|----------|--------------|---------------------------|-----------------|
| Drain | 1 | 2" | 300# Flg. | SA181-II | 5/8 | - | weld Ins & Out. |
| Heater | 1 | 4" | do | do | 7/8 | * | do |
| Dip Tube | 1 | 4" | do | do | 7/8 | - | do |
| Misc. | 5 | 1" & 2" | do | do | 9/16 and 5/8 | - | do |

10. INSPECTION Manholes, No. 1 Size 20"-300# Location shell
OPENINGS Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____
11. SUPPORTS: Skirt no Lugs (Number) _____ Legs (Number) _____ Other Saddle Attached Weld Pl-Weld to Shell
(Yes or No) (Describe) (Where & How)
12. REMARKS: VESSEL FOR AMMONIA STORAGE
*SA212 GR. B. - FBX

NATIONAL BOARD CLASSIFICATION 486 SQUARE FEET

(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 3-6 1963 Signed CHICAGO BRIDGE & IRON COMPANY, By December 31, 1964

Certificate of Authorization Expires 035

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. 4488
VESSEL MADE BY CHICAGO BRIDGE & IRON COMPANY at BIRMINGHAM, ALABAMA

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF NB and employed by ASB 11/6 of _____, inspected internally and externally, the vessel described in this report on 3-6 1963, 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 3-6 1963 William J. White Commissions NB 1858
Inspector's Signature State or Nat'l Bd. & Number

FORM R-1, REPORT OF WELDED ☐ REPAIR OR ☒ ALTERATION
As Required by the Provisions of The National Board Inspection Code

2 of 2

1. Work done by DANIEL CONSTRUCTION COMPANY, DIVISION OF 78-026
DANIEL INTERNATIONAL CORPORATION (Serial No.)
2. Owner MONSANTO, GONZALEZ, FLORIDA
(Name and address of owner)
3. Location of Installation MONSANTO, GONZALEZ, FLORIDA
(Name and address)
4. Unit Identification A.D.N. STORAGE VESSEL Name of Manufacturer CHICAGO BRIDGE & IRON COMPANY
(Boiler, Pressure Vessel)
5. Identifying Nos. 4219 3455 FLORIDA 1963
(Mfg. Serial No.) (National Board No.) (Jurisdiction) (Other) (Year Built)
6. Description of Work: ADD NEW 4" NOZZLE (F2C15) IN BOTTOM EAST END OF VESSEL.
(Use back, separate sheet, or sketch if necessary)

SEE ATTACHMENTS

7. Remarks: Attached are Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors for the following items of this report: NA Pressure Test, if Applied 375 psi

(Name of part, item number, mfg.'s name, and identifying stamp)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that all (design) DESIGN
material, construction, and workmanship on this ALTERATION conform to
The National Board Inspection Code.

Date 8-11-78 Signed DANIEL CONSTRUCTION COMPANY By [Signature]
(Repair, Alteration Organization) (Authorized Representative)

Our Certificate of Authorization No. 7092 to use the U Symbol expires MARCH 30, 1981

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors or the State or Province of LOUISIANA and employed by H.S.B. I. & I.

of CONN. have inspected the work described in this Data Report on 8-11, 19 78 and state that to the best of my knowledge and belief, this work has been done in accordance with The National Board Inspection Code.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the work described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection, except such liability as may be provided in a policy of insurance which the Inspector's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 8-11-78

[Signature]
Inspector

Commissions NB-8098
Nat'l Board, State, Province and No