

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only
As Required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by Norwalk Fabricators, Inc. Norwalk, Connecticut
(Name and address of Manufacturer)
2. Manufactured for DANIEL CONST. CO. (AMERICAN HOECHST, COVENTRY R. I.)
(Name and address of Purchaser)
3. Type Vert. Vessel No. (5758) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 2647 Yr. Built 1970
(Horiz. or Vert.)
4. SHELL: Matl. SA-240-316 T.S. 75000 Nom. 5/16 Corr. 0 In. Diam. 6 Ft. 0 In. Length 8 Ft. 4 In. O.A.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)
5. SEAMS: Long Weld D.B. H.T. No R.T. Spot Sectioned No Efficiency 85 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth Weld D.B. H.T. No R.T. Spot Sectioned No No. of Courses 1
(Yes or No) (Spot or Complete) (Yes or No)
If riveted or brazed describe seams fully under remarks.
6. HEADS: (a) Material SA-240-316 T.S. 75000 (b) Material SA-240-316 T.S. 75000
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure
(Top, bottom, ends) (Convex or Concave)
(a) Top 9/32" 66" 4 3/8" -- -- -- -- Concave
(b) Bottom 7/32" 66" 4 3/8" -- -- -- -- Concave
If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 60 psi at max. temp. 300 °F. Min. temp. (when less than -20°) Hydrostatic Test Press 95 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 1/2" Location line piping

9. NOZZLES:
Purpose (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness Reinforcement Material How Attached
1 6" & 1/2" IPS FLG NOZ. SA-312 Sch 40 -- Welded
1 6" & 1/2" IPS PAD SA-240 1 1/2" -- "

10. INSPECTION Manholes, No. 1 Size 20" Location Top head
OPENINGS: Handholes, No. 1 Size 2" Location on
Threaded, No. 1 Size 1/2" Location on

11. SUPPORTS: Skirt No Lugs 1 Legs 1 Other 1-RING Attached weld to shell
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: Vessel to be used as an Agitator vessel. Vessel has a 12" agitator nozzle in the top head and a 6" pad in the manhole cover. Vessel bottom head has a 16 ga. (.062") and shell has a 14 ga. (.075") spiral half pipe jacket made of S/S 304 (Ten. Str.=75000). Coil section is formed to a 2 1/2" radius and was designed for 60 psi at 300° F. Coil has 6 - 1 1/2" fittings and was tested at 95 psi hydrostatic. Nominal thickness of heads is 1/32" more than shown. ITEM 256

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.
If postweld heat-treated.
List other internal or external pressures with coincident temperature when applicable.

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division I.
Date October 23 19 70 Signed Norwalk Fabricators, Inc. By John J. Murphy
(Manufacturer)

Certificate of Authorization Expires December 31, 1973

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Norwalk Fabricators, Inc. Norwalk, Connecticut

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province Conn. and employed by Mutual Boiler & Mach. Ins. Co. of Waltham, Massachusetts have inspected the pressure vessel described in this manufacturer's data report on October 23 19 70 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, in favor of the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer and the latter in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date October 23 19 70 NB. 6222 Conn. 633