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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by Air Products & Chemicals, Inc. Wilkes-Barre, Penna.

2. Manufactured for Air Products & Chemicals, Inc. Trexlertown, Penna.

3. Type: Vert. Vessel No. (9-549-4) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 3579 Yr. Built 1970

4. SHELL: Matl. SB209-5083-0 T.S. 40,000 Nom. Thk. .297 in. Allow. 0 In. Diam. 5 Ft. 0 In. Length 20 Ft. 0 In.

5. SEAMS: Long Dbl Butt HT. no no complete Sectioned no Efficiency 100 %

6. HEADS: (a) Material: SB209-5083-0 T.S. 40,000 (b) Material: T.S.

7. Constructed for max allowable working press. 70 at full vac. +150 *F. Min. temp. (when less than -20*) -320 *F. Test Press 125 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number: Size: Location:

9. NOZZLES: Purpose (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness Reinforcement Material How Attached

Up & Log Liq Lev & Trycock 3 1" IPS Noz SB221,6061T6 .234" none welded

Liq Warml & Pump Recycle 2 1" IPS Noz SB221,6061T6 .250" none welded

10. INSPECTION MANHOLES, NO. OPENINGS: Handholes, No. Threaded, No. Size Location

11. SUPPORTS: Skirt no Lugs (Number) Legs (Number) Other: 6 Pads Attached shell welded

12. REMARKS: Nozzles continued: Top & Bot Fill 2 1-3/4" IPS Noz SB221,6061T6 .250" none welded

Project 05-9-1116-14.01 - 3200 gallon cryogenic inner tank. Dwg. 927245. Overall Length = 22'10"

Date: 1-27-1970 Signed Air Products & Chemicals, Inc. By: John R. Davis

Certificate of Authorization Expires: December 31, 1970

CERTIFICATE OF SHOP INSPECTION
VESSEL MADE BY Air Products & Chemicals, Inc. Wilkes-Barre, Penna.
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Penna. and employed by The Commercial Union Insurance Company of America have inspected the pressure vessel described in this manufacturer's data report on 1/27/70 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.