

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

As Required by the Provision of the A.S.M.E. Code Book 1

The J. B. Beard Company, Inc., Haverhill, Massachusetts

Gloucester Gas Light Company, Gloucester, Mass.

Horizontal

29300-1

1000

Yes

Yes

1

9

0

66

2

A-212-B Fbx. 70,000# Min. T.S.

.98

Bushes Welded U-69

Bushes Welded U-69

30

6

Bi-spherical

.50

54.48

Convex

Material A-212-B Fbx.

(Attachment used)

If removable, bolts used

Pressure of Testing

Details of Joints

STAYS

No.

Size

Net Area

Area for Welding

Area for Stays

Maximum Allowable Working Pressure

- (a) E. H.
- (b) R. H.
- (c) Through
- (d) Diagonal and Gasket Stays

13. STAYBOLTS (Iron or Steel) If follow

(Size of hole)

(1) Maximum pitch

(Round)

(Square)

Character

(Over the flange)

15. SAFETY VALVE outlet No.

Size

16. ACCESSIBLE PLUG (if used) No.

Diameter and material of filling

Location

Thermo well

17. OUTLETS: No. 7

(1) 2-1/2" 3000# Cplg. (1) 3/4" 6000# Cplg. (1) 1-1/4" Seamless pipe  
 (2) 1-1/8" I.D. X 8-1/4" O.D. Pad-Type Needles (2) 2-1/2" Threaded Pad Ty  
 Material of nipple or reinforcement A201A, A53 & F8 How attached: Welded  
 (2) 2-1/2" Threaded Pad Ty

18. DRAIN CONNECTION (Size) In. HAND HOLES OR SIGHT HOLES

(Number, size, and location)

19. MANHOLES: 1 18" 150# Slip-on Flg. & Pipe

(Number)

(Size and location of each)

Reinforcement

3/4" Plate Roped Welded Inside

(Grooved, Welded, etc.)

20. NONPRESSURE PARTS (a) Supporting lugs

(Number)

Supporting skirts

(b) Other nonpressure parts

(Kind and number)

(c) Where and how attached

21. Bursting pressure 1016 psi

1016

Hydrostatic test 400 lb.

400

22. Constructed for pressure of 200 psi

200

Factor of safety 5

5

Remarks: This report covers one 108" I.D. X 57' - 0" Seam to Seam 30,057 Gallon Propane Storage

(Vessel to be used for air, gas, ammonia, etc.)

constructed in accordance with The J. B. Beard Company, Inc., Dwg. 29829, Sheets 1 & 2 of

We certify the above data to be correct and that all details of material, construction, and workmanship on this unfired pressure vessel conform to the A.S.M.E. Code for Unfired Pressure Vessels.

Date: 10/10/05

Signed

The J. B. Beard Company, Inc.

(Manufacturer)

by

M.B. Hester

ATTENTION OF SHOP INSPECTION

Job 20629-1

Shrewsbury, Massachusetts

Liability & Casualty Company

P. O. Box 926