

31-V-169

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by PRECISION PIPE AND VESSEL, LLC 6535 N. WASHINGTON ST. DENVER CO 80229 USA
(Name and address of Manufacturer)

2. Manufactured for Range Fuels Soperton Plant, 1101 W. 120th Ave. Suite 200, Broomfield, CO. 80021
(Name and address of Purchaser)

3. Location of installation Soperton, GA
(Name and address)

4. Type Vertical CV-0884 N/A D-1495 879 2005
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 2007 Edition
Year

6. Shell SA-516-70 0.625" 0.0625" 6'-0" 11'-2"
[Addenda (date)] (Code Case numbers) [Special service per UG-120(d)]

7. Seams Welded None 70 N/A N/A Welded None 70 2
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overall))
[Long. (welded, dbl., singl., lap, butt)] [R. T. (spot or full)] [Eff., %] [H. T. temp.] (Time, hr) [Girth (welded, dbl., singl., lap, butt)] [R. T. (spot or full)] [Eff., %] (No. of courses)

8. Heads: (a) Material SA-516-70 (b) Material SA-516-70
(Spec. no., grade) (Spec. no., grade)

Table with 10 columns: Location (Top, Bottom, Ends), Minimum Thickness, Corrosion Allowance, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side To Pressure (Convex or Concave). Rows (a) TOP and (b) BOTTOM.

If removable, bolts used (describe other fastenings) N/A

9. MAWP 200 15 at max. temp. 250 350
(Internal) (External) (Material spec. number, grade, size, number) (Internal) (External)
Min. design metal temp. 20 at 200/15 Hydro., test pressure 260

Table for 10. Nozzles, inspection, and safety valve openings. Columns: Purpose (Inlet, Outlet, Drain), Number, Diameter or Size, Type, Material, Nominal Thickness, Reinforcement Material, How Attached, Location.

11. Supports: Skirt Yes Lugs Legs Other Attached Welded to Bottom
(Yes or no) (Number) (Number) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: None
(Name of part, item number, Manufacturer's name and identifying stamp)

Exempt from Impact per UG-20(f)(1-5); PSV Elsewhere in system

CERTIFICATE OF SHOP / FIELD COMPLIANCE
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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 29,455
expires 01/15/12
Date 6/19/09 Co. name PRECISION PIPE AND VESSEL, LLC Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION
Vessel constructed by PRECISION PIPE AND VESSEL, LLC at 6535 N. WASHINGTON ST. DENVER, CO 80229 USA
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of COLORADO and employed by One Beacon America Insurance
have inspected the component described in this Manufacturer's Data Report on 06/15/09, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By Signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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.
Date 6/19/09 Signed [Signature] Commissions NB 9625 ANB COLO 326
(Authorized Inspector) (National Board (incl. endorsements), State, Province, and number)