

API Specification

15HR

3rd Edition, August 2001
High Pressure Fiberglass Line Pipe

Section 4, Appendices E and H

Purchasing Guidelines, Purchaser Inspection and Data Sheet

4 Purchasing Guidelines

4.1 General

This section provides recommended guidelines for inquiry and purchase of API Spec 15HR pipe or component. These guidelines consist of data sheets to be completed by the purchaser.

4.1.1 Data Sheet

The data sheet is designed to perform two functions:

- a. Assist the purchaser in the procurement of the proper pipe or component
- b. Assist the purchaser in communicating the particular needs and requirements, as well as information on the environment, to the manufacturer for the use in designing and producing pipe or component

4.1.2 Use

A copy of the data sheet should be completed as accurately as possible. A copy of the data sheet should then be attached to the purchase order or request for proposal.

Appendix H provides a format to document service conditions and requirements for ordering high pressure fiberglass components.

4.2 Pressure Ratings

It is recommended that the pipe be purchased by pressure rating. The API Standard Pressure Ratings are from 500 lbf./in.² gauge through 5,000 lbf./in.² gauge in 250 lbf./in.² gauge increments. The user should purchase pipe suitable for the specific service conditions.

4.3 Components

Components, other than pipe, should be ordered on the basis of thread size and pressure rating.

Appendix E Purchaser Inspection E1

Inspection Notice

Where the inspector representing the purchaser desires to inspect this pipe or witness these tests, reasonable notice shall be given of the time at which the run is to be made.

E2 Plant Access

The inspector representing the purchaser shall have unrestricted access at all times while work on the contract of the purchaser is being performed, to all parts of the manufacturer's works which will concern the manufacture of the pipe ordered. The manufacturer shall afford the inspector all reasonable facilities to satisfy him that the pipe is being manufactured in accordance with this specification. All inspections should be made at the place of manufacture prior to shipment, unless otherwise specified on the purchase order, and shall be so conducted as not to interfere unnecessarily with the operation of the works.

E3 Compliance

The manufacturer is responsible for complying with all of the provisions of this specification. The purchaser may make any investigation necessary to satisfy himself of compliance by the manufacturer and may reject any material that does not comply with this specification.

E4 Rejection

Unless otherwise provided, material which shows defects on inspection or subsequent to acceptance at the manufacturer's works, or which proves defective when properly applied in service, may be rejected, and the manufacturer so notified. If tests that require the destruction of material are made, any product which is proven to have not met the requirements of the specification shall be rejected. Disposition of rejected product shall be a matter of agreement between the manufacturer and the purchaser.

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Project(s) and Location(s) _____

Maximum Operating Pressure _____

Test Pressure _____

Temperature Ranges Anticipated

Minimum Ambient Temperature _____

Maximum Fluid Temperature _____

Anticipated Composition of Fluids

CO₂ _____ ppm

H₂S _____ ppm

Hydrocarbon Analysis (Gas, Oil)

Salt Water _____ %

Other _____

Anticipated Future Operations which would Affect Pressure, Temperature, or Fluid Content (e.g., Hot-Oiling) _____

Future Operating Parameters _____

Will Inhibitors be Used ☐ Yes ☐ No If Yes, what Type _____

Anticipated Flow Rates

_____ BPD Oil/Condensate

_____ MCF/D Gas

_____ BPD Salt Water

Will Erosion be a Concern ☐ Yes ☐ No Cause _____

Operator or Third-Party Witness ☐ Yes ☐ No

Delivery Requirements _____

Special Shipping, Packing and Storage Instructions _____

Technical Contact in Buyer's Organization _____

Phone _____