

GP 06-02-01	Double Pipe and Multitube Hairpin Heat Exchangers	February 2005
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Double Pipe and Multitube Hairpin Heat Exchangers

GP 06-02-01

Scope

- 1) [I] This Global Practice (GP) covers the design, materials, fabrication, inspection, testing, and preparation for shipment of double pipe and multitube hairpin heat exchangers.
- 2) [I] An asterisk (*) indicates that additional information is furnished by Purchaser in the Hairpin Heat Exchanger Checklist (see Section 11) or in the Job Specification.
- 3) [I] Vendor shall comply with all local rules and regulations.
- 4) * [I] Registration requirements are specified in the Hairpin Heat Exchanger Checklist (see Section 11).
- 5) Unless otherwise specified by Purchaser, the heat exchangers shall be designed and manufactured according to TEMA Class R requirements. Codes of other countries are permitted according to [GP 05-01-01](#).

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Attachment: Purpose Codes Definitions 14

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1. Required References

[I] This Section lists Practices and Standards that are generically referenced and assumed to be a part of this document. Unless otherwise specified herein, use the latest edition.

1.1. Global Practices–ExxonMobil Engineering Practices

GP 03-16-01	Flanged Joints, Gaskets, and Bolting
GP 03-18-01	Piping Fabrication Shop or Field
GP 05-01-01	Pressure Vessels
GP 05-03-01	Pressure Testing of Unfired Pressure Vessels
GP 06-01-01	TEMA Type Shell-and-Tube Heat Exchangers
GP 18-07-01	Welding Procedures
GP 18-10-01	Additional Requirements for Materials
GP 20-01-01	Inspection of Equipment and Materials
GP 20-01-03	Quality Programs

1.2. ExxonMobil Data Sheets

ExxonMobil Data Sheets	ExxonMobil Data Sheet Home Page
T060201C01	Double Pipe and Multitube Hairpin Heat Exchangers - Hairpin Heat Exchanger Specification Sheet - Customary Units
T060201M01	Double Pipe and Multitube Hairpin Heat Exchangers - Hairpin Heat Exchanger Specification Sheet - Metric Units
T060201C02	Double Pipe and Multitube Hairpin Heat Exchangers - Hairpin Heat Exchanger Physical Data Sheet - Customary Units
T060201M02	Double Pipe and Multitube Hairpin Heat Exchangers - Hairpin Heat Exchanger Physical Data Sheet - Metric Units

1.3. API–American Petroleum Institute

API STD 660	Shell-and-Tube Heat Exchangers for General Refinery Services
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