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| GP 18-03-02 | Statically Cast Steel and Alloy Pressure Containing Parts and Tube Supports<br>for Fired Heaters | February 2002 |
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# Statically Cast Steel and Alloy Pressure Containing Parts and Tube Supports for Fired Heaters

## GP 18-03-02

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### Scope

\* [I] This Global Practice (GP) covers the materials, fabrication, and testing of statically cast steel and alloy pressure containing parts and tube supports for fired heaters when specified by the Owner's Engineer.

[I] An asterisk (\*) indicates that a decision by the Purchaser is required, or that additional information shall be furnished by the Purchaser.

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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

|                             |                                       |
|-----------------------------|---------------------------------------|
| <a href="#">GP 18-07-01</a> | Welding Procedures                    |
| <a href="#">GP 18-10-01</a> | Additional Requirements for Materials |
| <a href="#">GP 18-12-01</a> | Positive Material Identification      |
| <a href="#">GP 20-01-01</a> | Inspection of Equipment and Materials |

### 1.2. ASME–American Society of Mechanical Engineers

Unless specific references to the ASME Code are listed, an IHS link to the Introduction is provided to facilitate accessing the relevant parts of the Code.

|                  |                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| ASME SEC VIII D1 | BPVC Section VIII - Rules for Construction of Pressure Vessels - Division 1                                                      |
| ASME SEC IX      | BPVC Section IX - Qualification Standard for Welding and Brazing Procedures, Welders, Brazers, and Welding and Brazing Operators |
| ASME B31.3       | Process Piping                                                                                                                   |

### 1.3. ASTM–American Society for Testing and Materials

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| ASTM A 488/A 488M | Standard Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel |
|-------------------|-------------------------------------------------------------------------------------------|

### 1.4. MSS–Manufacturers Standardization Society of the Valves and Fittings Industry, Inc.

|           |                                                                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| MSS SP-54 | Quality Standard for Steel Castings for Valves, Flanges and Fittings and Other Piping Components Radiographic Examination Method                        |
| MSS SP-55 | Quality Standard for Steel Castings for Valves, Flanges and Fittings and Other Piping Components Visual Method for Evaluation of Surface Irregularities |

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