

GP 07-03-01	Sootblowers for Fired Equipment	July 2001
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Sootblowers for Fired Equipment

GP 07-03-01

Scope

- 1) [I] This Global Practice (GP) covers the design, fabrication, and installation of sootblowers for fired heaters, boilers, and other fired equipment.
 - 2) [I] An asterisk (*) indicates that a decision by Purchaser is required, or that additional information is furnished by 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

GP 03-04-01	Piping for Fired Equipment
GP 15-11-01	Instrument Control Panels
GP 16-09-01	Low Voltage AC Motors Up to 200 HP (150 kW)

2. Documentation

2.1. Proposal Information

* [I] Vendor shall submit the following information with his proposal, as a minimum:

- 1) Complete description of sootblower including model number and type.
- 2) Outline drawing of unit showing mounting (including wall box and wall support bearing/bracket).
- 3) Materials of construction of lance, feed tube, nozzle, and valve components.
- 4) Lance travel speed and steam consumption rate at sootblower valve inlet flange pressure.
- 5) Proposed method and utility requirements for purge, sealing, and aspirating air, when specified.
- 6) Maximum pressure/temperature rating of valve and other pressure-containing components.
- 7) Specification for drive motors, motor starters, and switchgear including NEMA rating and area electrical classification.
- 8) Proposed sootblower control scheme.
- 9) Details of control panel, including electrical classification.

2.2. Review Information

[I] Vendor shall submit, as a minimum, the following information for review by the Owner's Engineer:

- 1) Updated proposal information.
- 2) Details of vendor-supplied instruments and control valves.
- 3) Control panel and motor starter console arrangement drawings, wiring diagrams, and interconnecting wiring diagrams.
- 4) Installation, operating, and maintenance manuals.

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