

GP 03-06-02	Piping at Control and Protective System Valve Stations	October 2004
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Piping at Control and Protective System Valve Stations

GP 03-06-02

Scope

- 1) [I] This Global Practice (GP) covers the layout of piping manifolds and sizing of block and bypass valves at control and protective system valve stations.
 - 2) [I] An asterisk (*) indicates that a decision by the Owner's Engineer or Purchaser is required, that additional information is to be furnished by the Owner's Engineer, or that information for Owner's Engineer approval is to be supplied by the Vendor or Contractor.
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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 03-06-04	Vents and Drains, Flushing and Cleaning Connections
GP 03-16-01	Flanged Joints, Gaskets, and Bolting
GP 15-07-02	Protective Systems

1.2. ISA–Instrument Society of America

ISA 75.03	Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies (Classes 125, 150, 250, 300, and 600) Formerly ISA 75.03
ISA 75.08	Installed Face-To-Face Dimensions for Flanged Clamp or Pinch Valves
ISA 75.08.02	Face-to-Face Dimensions for Flangeless Control Valves (Classes 150, 300, and 600)
ISA 75.08.05	Face-to-face Dimensions for Butweld-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500)
ISA 75.16	Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) Formerly ISA 75.16
ISA 75.22	Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (ANSI Classes 150, 300, and 600)

2. Additional Requirements

* [I] The following Practice and Standard shall be used with this GP as specified by the Purchaser.

2.1. Global Practices–ExxonMobil Engineering Practices

GP 15-09-01	Control Valves
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2.2. ASME–American Society of Mechanical Engineers

ASME B31.3	Process Piping
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