

**Valve Specification**  
**Gate Valve**

Specification  
**VALVE1502**

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<b>Project:</b>	DPES WEEKEND PROJECT
<b>Scope:</b>	ASME B31.3
<b>Limits:</b>	CL150 -29 to 425°C / ASME B16.5
<b>Material Group:</b>	CARBON STEEL HIGH TEMP.
<b>Fluid Group:</b>	fluid group 001, fluid group 010, fluid group 011, fluid group 013

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**Connection:**

Flanged / Flanged  
Raised Face RF  
<= NPS 24, flanges acc. to ASME B16.5  
> NPS 24, flanges acc. to ASME B16.47 Series A

**End to End Dimension:**

ASME B16.10

**Material:**

Body/Bonnet: ASME B16.34, Material Group 1.1  
Bonnet Gasket: CrNi-Graphite  
Bolts & Nuts: ASTM A193 Gr.B7, ASTM A194 Gr.4  
Trim: API 600 No. 5 or 8

**Design:**

API 600 <= NPS 24, analogous API 600 > NPS 24  
Closure Part: <= NPS 2 solid wedge, > NPS 2 to 16 flexible wedge, > NPS16 flexible or split wedge  
Body/Bonnet connection flanged  
Handgear: acc. to RSP 1032  
All parts contacting fluid free of nonferrous metals

**Quality Assurance:**

Seat leakage rates acc. to technical purchase specification

**General:**

All specified data are minimum requirements  
All parts not specified are to be designed acc. to scope, service and fluids by manufacturers option