Pipeline Standards Quick-Access Guide

A document map for pipeline and valve engineering work

Core documents engineers commonly reach for

Document	Typical use
ASME B16.5	Flanges/flanged fittings: dimensions, ratings, materials, joints.
ASME B16.10	Valve face-to-face/end-to-end dimensions.
ASME B16.34	Valve pressure-temperature ratings/design requirements.
ASME B31.4	Liquid and slurry pipeline transportation systems.
ASME B31.8	Gas transmission and distribution piping systems.
ASME B36.10	Welded/seamless wrought steel pipe dimensions.
API Spec 6D	Pipeline and piping valves.
API Std 598	Valve inspection and testing (when invoked by specification).
49 CFR Part 192	Federal gas pipeline safety requirements.
49 CFR Part 195	Federal hazardous liquid pipeline safety requirements.
PHMSA Valve Rule resources	Rupture-mitigation valve rule implementation/resources.

Document-control checklist

Before using a standard	Check
Edition/year and addenda/errata	_____
Project specification revision	_____
Operator/company engineering standard	_____
Valve/pipe manufacturer requirements	_____
Jurisdiction / CFR applicability	_____

Use: Field/office quick reference only. Verify the governing project specification, current code/standard edition, material, temperature, manufacturer data, and operator requirements before design, fabrication, bolting, pressure testing, or valve selection.

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