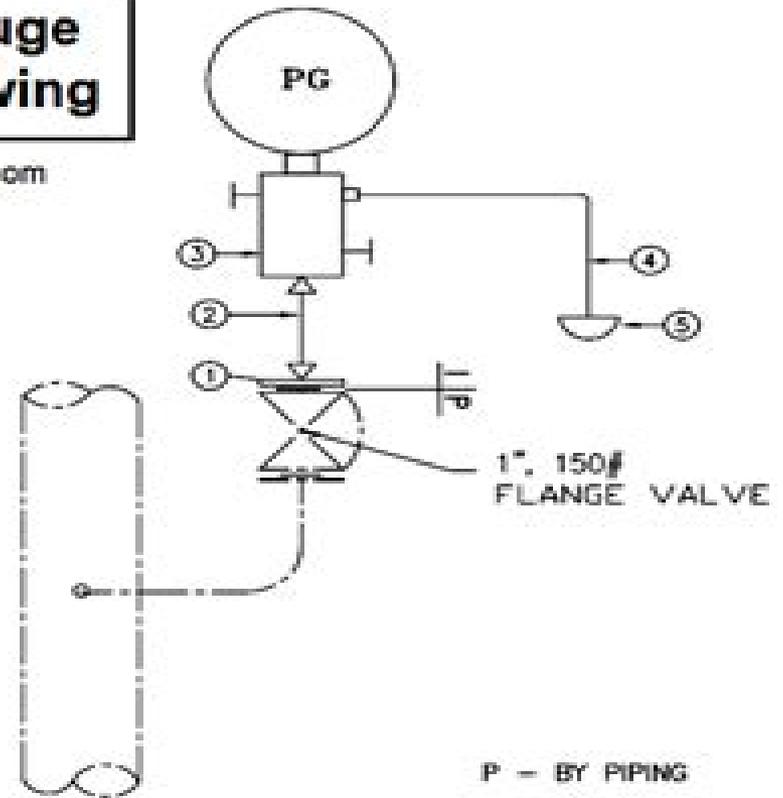
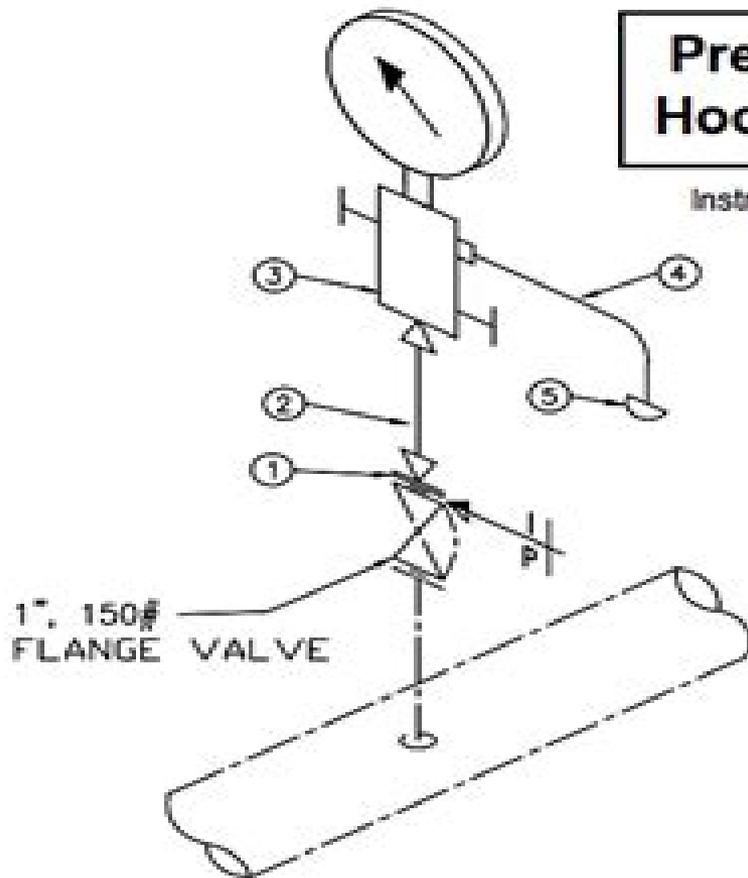


Pressure Gauge Hook-up Drawing

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P - BY PIPING
I - BY INSTRUMENTATION

SR. NO.	DESCRIPTION	SIZE/RATING	ENDS	LINE MOC	MATERIAL
1	BLIND FLANGE (WITH $\frac{1}{2}$ " NPT(F) THREAD)	1" ANSI 150# RF	-	CS(RUB.LINED)	ASTM A182 F304
2	NIPPLE	$\frac{1}{2}$ " X $\frac{1}{2}$ " SCH.80	NPT(M) X NPT(M)	CS(RUB. LINED)	ASTM A312 TP304
3	GAUGE VALVE WITH $\frac{1}{2}$ " MALE CONNECTOR FOR DRAIN	$\frac{1}{2}$ " X $\frac{1}{2}$ "	NPT(F) X NPT(F)	-	SS 316
4	TUBE	12mm OD X 0.065" THK.	-	-	ASTM A269, TP316L
5	TUBE CAP	FOR 12mm OD TUBE	-	-	SS 316

Instrument Hook Up Drawing

Lauren Gardner



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Handbook of Petroleum Processing David S. J. Jones, Peter R. Pujadó, 2006-01-11 This handbook describes and discusses the features that make up the petroleum refining industry. It begins with a description of the crude oils and their nature and continues with the saleable products from the refining processes with a review of the environmental impact. There is a complete overview of the processes that make up the refinery with a brief history of those processes. It also describes design technique operation and in the case of catalytic units the chemistry of the reaction routes. These discussions are supported by calculation procedures and examples sufficient to enable input to modern computer simulation packages.

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