

<b>Tag Number</b> PR1	Parts to include SS tag with tag name				
<b>Specification</b>					
<b>Fluid:</b>	Water				
<b>Contaminants:</b>					
<b>Temperature:</b>	33 to 180 F		(or 0.6-82 C)		
<b>Pressure:</b>	400 psig maximum		(or 27.6 Bar)		
<b>Size (inches):</b>	0.5	0.75	1	1.5	2
<b>Flow Rate at constraint:</b>	25	40	60	133	272
<b>Constraint:</b>	Maximum of 20 psig P drop-off with 50 psig differential				
<b>pH:</b>	Neutral				
Pressure Regulator - Conbraco 36H series or Apollo PRH pressure reducing valves					<b>Typical Selection</b>
Per the P&ID's or the equipment list. Low = 10-35, Standard = 25-75, High = 75-165.					<b>Reduced pressure range</b>
Bronze ASTM B584					<b>Body Material</b>
FNPT X FNPT					<b>End Connection</b>
EPDM w/PE					<b>Diaphragm</b>



**Specialty**  
MINERALS

Process Engineering  
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<b>Notes:</b>	<u>Rev</u>	<u>Date</u>	THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF SMI AND IS CONFIDENTIAL. THIS DRAWING AND INCLUDED INFORMATION MUST NOT BE MADE PUBLIC OR COPIED WITHOUT SMI PERMISSION. IT IS SUBJECT TO RETURN ON DEMAND.
	1	20-Jan-14	
<u>By</u>	<u>Reviewed</u>	<u>Approved</u>	<u>Dwg Number</u>
MRB			STD-46.1 PR1
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