

Asset Management- Periodic Maintenance and Checking of Diaphragm Pilot Operated Pressure Reducing Station

Sr. No.	Parameters to be checked	Frequency for checking various Parameters					
		Daily	Weekly	Monthly	Quarterly	1/2 Yearly	Annually
A	Diaphragm Pilot P Pressure Reducing Station						
1	Clean Strainer before Pressure reducing station						
2	Pressure gauge calibration						
3	Safety relief valve testing						
4	Cleaning & overhauling of safety relief valve						
5	Feed Back line cleaning						
B	Pressure reducing station						
6	Clean Pilot valve strainer						
7	Clean Main valve strainer						
8	Clean Pilot valve chamber assembly kit						
9	Check & clean Main / Pilot diaph						
10	Clean SS tube & stud coupling with split pin						
11	Main valve cleaning						
12	Pressure reducing valve overhauling and push rod checking						
C	Piston Valve						
13	Manually Operate the valve						
14	Lubrication of piston valves						
15	Visual inspection and cleaning of threads						
D	Drain Trap						
16	Manual operation of PC series valves						
17	Strainer & Internal cleaning						

Notes:

i	Flush lines properly before taking PRS in operation	
ii	Change Body bonnet gasket	Each time it is opened for cleaning / maintainance
iii	Change Universal Thermodynamic trap gasket	Each time it is opened for cleaning / maintainance
iv	Valves - Gland nut tightening	Immediately in case of visual leak
v	Valves - Body / bonnet nut tightening	Immediately in case of inline leak
vi	Please donot use "F" key for opening and closing of piston valve	
vii	Use Molykote M30 oil for lubrication	