

Asset Management- Periodic Maintenance and Checking of Pressure Reducing Station With Control Valve

Sr. No.	Parameters to be checked	Frequency for checking various Parameters					
		Daily	Weekly	Monthly	Quarterly	1/2 Yearly	Annually
A	Control Valve 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						
6	Draining of AFR						
7	AFR Filter cleaning						
8	Check Instrument air quality						
B	Actuator						
9	Diaph and seal kit inspection						
10	Actuator spring inspection						
C	Positioner						
11	Pilot Valve cleaning / Checking						
12	Calibration(Zero / Span)						
13	Pr. Gauge / Temp Gauge calibration						
D	Control Valve						
14	Overhauling / checking / cleaning						
E	Robotor						
15	Feed back line cleaning						
16	Path Restriction / Response adjustment screw cleaning						
17	Cleaning of feed back line						
F	Piston Valve						
18	Manually Operate the valve						
19	Lubrication of piston valves						
20	Visual inspection and cleaning of threads						
G	Drain Trap						
21	Manual operation of PC series valves						
22	Strainer & Internal cleaning						

Notes:

i	Flush lines properly before taking Pressure reducing station in operation	
ii	Control valve gasket replacement	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 do not use "F" key for opening and closing of piston valve	
vii	Use Molykote M30 oil for lubrication	