

Maintenance & inspection intervals of m-tech systems

- ◆ Should any valve (or filter) fail or show defects, please return the entire and unopened valve to m-tech
Modifying the system or disassembling the valves from the part of the customer, m-tech gmbh does not assume any warranty / guaranty for functioning or security.
- ◆ Effect any maintenance or inspection measure by means of the technical documentation - Please keep to chapter I "General notes on security".
- ◆ All procedures of maintenance and inspection listed hereunder are described more precisely in chapter VI "Maintenance and repair" of the technical documentation and the operating manual for valves.

Maintenance works	Intervals
System - General Advices	
General verification & external cleaning	Before first putting in service, after that weekly
Verification of electrical parts	Before first putting in service, after that every 4 years or after modifications or overhauling
Verification of tightness	Before first putting in service or after modifications, maintenance, overhauling
Verification of welded tube connections	Before first putting in service or after modifications, maintenance, overhauling
High pressure valves PCD-H, PCG-H, LVP and MPG	
First complete maintenance*	After 5 years or 50.000 switching cycles*
Further complete maintenances*	After 5 years, 50.000 switching cycles* or earlier, if recommended by m-tech
*complete maintenances to be executed by m-tech	*1 switching cycle corresponds to one opening and one closure of the valve
Check valves MPG 12 CV, Overpressure valves MPG 12 RV & DBV 20	
Visual control	Annually
First complete maintenance*	After 5 years
Further complete maintenances*	After 5 years or earlier, if recommended by m-tech
*complete maintenances to be executed by m-tech	
Filter MPG 12 FI	
First Examination	8 days after initial putting in service
Second Examination	3 months after initial putting in service
Third Examination	6 months after initial putting in service
Further examinations	Every 6 months
Particle traps	
First Examination	8 days after initial putting in service
Second Examination	3 months after initial putting in service
Third Examination	6 months after initial putting in service
Further examinations	Every 6 months
Vacuum pump	
Check of oil level	Before starting the shift
Check of oil condition	Depending on process (see chapter 6)
First oil change	After 150 hours of service
Further oil changes	500 to 1.000 hours of service or after 6 months
Change of exhaust filter	With oil dust at exhauster or after 1 year
Cleaning of pollution filter	Monthly
Check of aspiration muff valve	Annually
Screws (Torques see chapter VI)	
First maintenance / inspection	3 months after first putting in service
Further maintenances / inspections	Annually