

Recommended preventative maintenance schedule for Velan valves

As general guidelines, valves should be inspected on a regular basis. Refer to the table below for recommended actions and frequency. The information shown in the table is applicable for clean service⁽¹⁾ and should be used as general guidelines for a routine maintenance schedule. For contaminated or severe service, the frequency of maintenance should be reviewed based on experience.

This table DOES NOT replace operational experience nor project-specific guidelines that may have been generated. Ambient conditions, media type, process pressure and temperature, operation frequency, as well as the variability of these elements will affect the level of attention a valve requires.

It is the responsibility of the user to determine the frequency at which the inspections are ultimately carried out.

Upon identification of a problem, it should be corrected before the valve is put back in service. Please refer to the valve's specific Installation and Operation Manual (IOM) for additional details.

In need? Please reach out to us
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Recommended maintenance schedule

COMPONENTS/AREA	ACTIONS	FREQUENCY
Packing bolting (non-live loaded and live loaded)	<ul style="list-style-type: none"> Ensure proper torque is applied to the bolting. Ensure stud and nut are properly lubricated to achieve proper torque. Use only recommended lubrication. 	Yearly
Gaskets		
Actuator connections		
Packing rings and gaskets (external)	<ul style="list-style-type: none"> Remove and replace. Install only OEM recommended packing and gaskets. Follow proper OEM installation procedures. 	Every 5 years
Valve internals	<ul style="list-style-type: none"> Disassemble valve to check internal parts (i.e. stem, wedge/disc/ball, seat, gaskets, keys, bearing seals, etc) for wear. Replace any needed parts with only OEM parts. 	Every 10 years
Stem and stem nut	<ul style="list-style-type: none"> Ensure stem thread is properly lubricated. Use only recommended lubrication. Operate valve and inspect stem for any signs of galling, scratching and corrosion. 	Yearly
Actuators/gear operator	Follow the recommendations for the specific actuator manufacturer.	As defined by the actuator manufacturer
Operation	Inspect limits (torque and/or position) and limiters (mechanical or electronic).	Yearly

(1) Clean service is characterized by the absence of abrasive particles.