

General maintenance recommendation for Neles Easyflow™ valves

Product	Series	Element	Every 5 Years	Every 10 Years
Butterfly valve	JA	Spare part set (Seal, Spring pin, Bushing ...)	Replace	Replace
		Disc	Check*	Check*
		Shafts	Check*	Check*
Ball valve	J4, J7, J9, J9S, JT	Spare part set (seats, seals ...)	Replace	Replace
		Ball	Check*	Check*
		Shaft	Check*	Check*

* Replace if needed

The recommendation is defined for general service. It is considered generally accepted good practice to operate and visually inspect valve assemblies at least once per year to verify their integrity.

During maintenance Valmet technicians check parts that are not mentioned here and replace damaged parts if possible. Valmet technicians also make recommendations for future inspection and maintenance. Device condition monitoring helps determine whether a particular valve needs attention.

Operational
benefits:



Improved
plant
availability



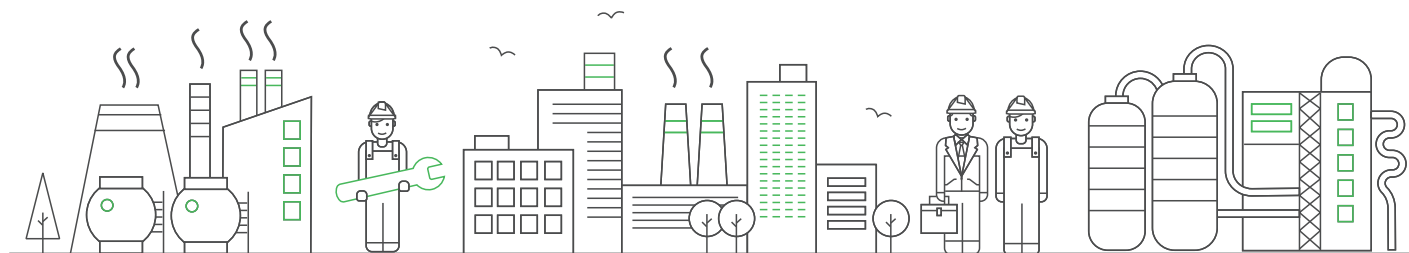
Optimized
performance



Ensured
quality



Improved
safety



General maintenance recommendation for Neles Easyflow™ actuators

Product	Series	Element	Every 5 Years	Every 10 Years
Actuator	RNP, (QTF), CSF, SSF	Repair kit (Seals, Bearings ...)	Replace	Replace
		Springs (if applicable)	Check*	Check*
		Rack bearing, Pinion strip	Check*	Replace
Actuator	N1, (DRS)	Seal kit	Replace	NA
		Repair kit (seal kit, piston strip, bearing)	NA	Replace
		Spring (If applicable)	Check*	Check*
		Cylinder, Piston, piston rod	Check*	Check*
		Yoke Pin	Replace	Replace
		Yoke Insert	Check*	Check*
		Guide rod & Yoke carrier	Check*	Check*
		Connecting bolt (Pneumatic & Spring Side)	Check*	Check*
Actuator	SC, SN, AC, CC	Seal kit (Seals, O-rings,...)	Replace	Replace1
		Piston Strip / guide	Check*	Replace1
		Piston	Check*	Check*
		Piston Rod	Check*	Check*
Limit Switches	KC, KS	Complete Device	Check*	Check*
Solenoid valve	Accessories	Complete Device	Check*	Replace
Booster/QEV	Accessories	Complete Device	Check*	Replace
Air Filter	Accessories	Complete Device	Replace	Replace

* Replace if needed

1 (10y/20000km or 40M cycles) 40M cycles is given for average stroke of 250mm

The recommendation is defined for general service. It is considered generally accepted good operating practice to operate and visually inspect valve assemblies at least once per year to verify their integrity.

Note:

(QTF), (DRS) actuators are on limited support, spare parts are available but not new actuators
DRC, DRV, DNC are discontinued products, spare parts are not available, replaced by N1 serie
ECF, ESF are discontinued products, spare parts are not available, replaced by RNP serie
For Neles valve controllers refer to the specific maintenance recommendation

During maintenance Valmet technicians check parts that are not mentioned here and replace damaged parts if possible. Valmet technicians also make recommendations for future inspection and maintenance. Device condition monitoring helps determine whether a particular valve needs attention.

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