



Application based service recommendation for NelesAce™ basis weight control valve

Part description	Actions in 1 year interval	Actions in 4 year intervals
Potentiometer + R/I modulator	Calibration	Change
Display card	Check function *	Check function *
Limit switches	Check function *	Check function *
Flexible coupling	Change	Change
Coupling set	Check condition	Change
Belt	Check condition and tightness	Change
Step motor	Optional spare part	Optional spare part
Gear / lubrication set	Check for leakages	Change lubricant **
Valve	Visual checking of the valve: Clean closing element (segment) and seat ring surface of scaling and build up. Check that the operation of the valve is smooth, no oscillation, no free play between valve and actuator. Check that no leakage through gland packing can be detected.	Clean closing element (segment) and seat ring surface of scaling and build up. Replace spare part set. In case of bearing wear out replace bearings and pins in sizes DN250 - DN500. In sizes DN50 - DN200 replace valve.

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.

* Replace if needed

** Molywhite 200 ml, <https://www.nabtescomotioncontrol.com/products/molywhite-grease.php>

Wearing out of devices:



Scaling and build up on sealing elements. Gland packing tightness



Coupling, belt and potentiometer



Control box

Operational benefits:



Improved plant availability



Optimized performance



Ensured quality



Improved safety