

Batch digester blow valves

Annual maintenance

VALVE			
Check point	Check	Finding	Action
Gland packing	Check for leakages	Leakage	Tightening / Replace packing
Body seal	Check for leakages	Leakage	Refurbishment of valve
Ball and seat	Leakage during cooking	Leakage	Refurbishment of valve

ACTUATOR			
Check point	Check	Finding	Action
Instrumentation	Air leakages and function	Leakage / malfunction	Repair / Replace
Cylinder / piston	Blow by	Leakage	Refurbishment
Cylinder	Check inside	Damaged / corrosion	Refurbishment
Housing	Check inside	Damaged / corrosion	Refurbishment
Mounting bolts	Check tightness	Loose	Tighten
Limit screw	Check adjustment	If out of range	Adjustment

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.

Valve components:



Neles M1-series ball valve



Neles B1C-series actuator

Operational benefits:



Improved plant availability



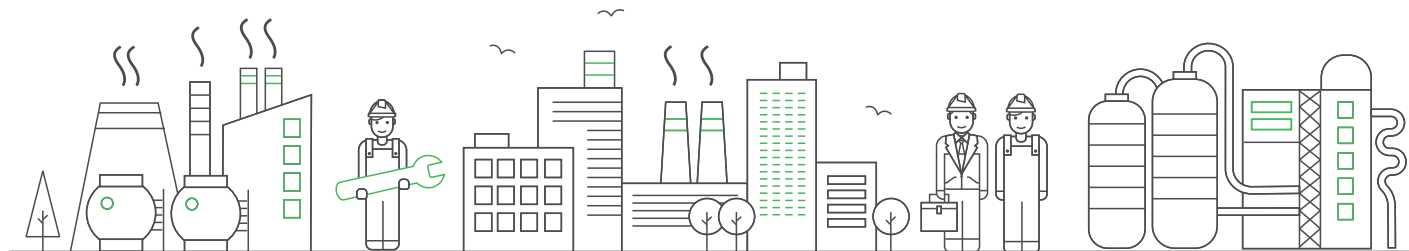
Optimized performance



Ensured quality



Improved safety



Batch digester blow valves

Factory refurbishment 5 to 7 years interval

VALVE	
Item	Action
Soft parts	Replace
Ball	Refurbish / replace
Seat ring	Refurbish / replace
Body	Sand blasting
	Replace body bolting
Body and tightness test	According to standards

ACTUATOR	
Item	Action
Soft parts	Replace
Cylinder / piston / piston rod	Replace if worn out
Linkage	Repair if worn out
Housing	Replace if worn out
Mounting bolts	Replace
Limit screws	Replace if damaged
Instrumentation	Repair / Replace

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