

M2 Valves Checklist	Maintenance Task	Maintenance Frequency			
		Daily	Weekly	Monthly	Annually
Valve operation	Check for leaking valves, clean and maintain in good condition.	X			
	Operate valves through full cycle and check proper operation for all valves and replace if necessary.			X	
Overall Visual Inspection	Complete overall visual inspection to be sure all valves for damage.		X		
Overall Visual Inspection	Check for all valves nuts and fittings for tightness			3	
Butterfly Valves	Operate valve through a full cycle.		X		
	Inspect and lubricate valves and hand levers.			6	
	Check shaft seal for leakage.				X
Check Valves	Check proper operation, check and rectify stuffing box leaks.			3	
	Clean sump in bottom of valve, clean valve faces, restore valve cover , check valve bypass and clean disk hinges for free movement.				X
Gate Valves	Check and service gland packing.			X	
	Clean and lubricate valve screw and nut.			3	
Air Valves	Flush air release valve.			3	
	Check operation of air release valve and air inlet valve.			3	
Flap Gate	Check the operation of the flap gates and ensure sand and or debris is not stopping normal operation. Remove the sand and debris including barnacle encrustation from all faces of flap gate, walls, and channels and make the flap gate operate well.				X
Penstocks	Operate penstock through full cycle by opening/closing and clean by hosing down.			3	
	Grease all unpainted machine faces, seal faces, wedge faces, door guides, stem & nut.			3	
	Inspect penstock & seals for damage and repair.			6	
	Check for leakage between frame & wall and adjust tightness of fasteners.				X
Paintwork & Protective finishes	Check for all valves and fitting coating for damage and repair as necessary.				X