

जलप्रदाय योजना के विभिन्न घटकों के संचालन/संधारण में किये जाने वाले कार्य एवं समय आवृत्ति

Component	Daily Maintenance Tasks	Frequency
Overhead Tank and Underground Reservoir	Complete cleaning & disinfection of service reservoirs etc.	Atleast once in a Year
Chlorination	<ul style="list-style-type: none"> Check leakage of Chlorine Cleaning of Chemical Deposits Check Fuses and Contacts Check Dosing Pumps Check Condition of Safety Equipment 	Routine Maintenance
Pipelines	Routine Maintenance <ul style="list-style-type: none"> Check Residual Chlorine 	Daily
	<ul style="list-style-type: none"> Surveillance for leakage - pipe breaks and leaks - 	Daily
	<ul style="list-style-type: none"> Pipe Flushing 	Once in 6 Months
	<ul style="list-style-type: none"> Swabbing and Scraping 	Once in 3 Years
Valves	<p>Routine Maintenance</p> <p>(A) Sluice Valve and Gate Valve</p> <ul style="list-style-type: none"> Check gland packing of the valve Ensure that packing inside the stuffing box are in good trim and impregnated with grease. If necessary change the packing as often as necessary to ensure that the leakage is within limit. Grease should be applied to reduction gears and grease lubricated thrust bearing Check tight closure of the valve A valve normally kept open or closed should be operated once every three months to full travel of gate and any jamming developed due to long disuse shall be freed. Inspect the valve thoroughly for flaws in guide channel, guide lugs, spindle, spindle nut, stuffing box etc. Do not operate with oversize hand wheel or cap or spanner. Do not operate under throttled i.e. partially open condition <p>(B) reflux (non-return) Valve</p> <ul style="list-style-type: none"> Check proper operation of hinged door and tight closure under no-flow. The valve shall be thoroughly inspected annually. Condition of dampening arrangement should be thoroughly examined. In case of dampening arrangement, check for oil leakage and replace oil. <p>(C) Butterfly Valve</p> <ul style="list-style-type: none"> Check seal ring and tight shut-off. Lubricate gearing arrangement and bearing. 	Atleast once in Six months

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भोपाल, मध्य प्रदेश

	<ul style="list-style-type: none"> Inspect the valve thoroughly including complete operations. Change oil or grease in gearing arrangement 	
	<p>(D) Air Valve</p> <ul style="list-style-type: none"> Close the isolating device; Remove the cover of air valve; Clean the internal parts and verify the integrity of various components; If there's some relevant wear sign it's necessary to replace the gasket seal or the float; Close the valve with its cover and re-open the isolating device <p>(E) Scour valves:</p> <ul style="list-style-type: none"> Adequate erosion protection should be provided near the valve to avoid damage by the drainage water. The scour valve should be inspected, cleaned of plant material and debris, and tested. 	Atleast once in a Year
Connections	Routine Maintenance	Daily
Water Meters	Routine Maintenance	Once in 6 Months
	<ul style="list-style-type: none"> Check for meter accuracy Replace bulk meters 	Once in 5 Years
Pumps	<ul style="list-style-type: none"> Checking the lubrication and necessary follow-up Replacing of glands that are leaking Servicing as per supplier's instructions Stripping down of pumps to observe clogging if any Checking for unusual vibrations and noise 	Daily
Electrial equipment	<ul style="list-style-type: none"> Checking electrical contacts and wiring Checking motor heating and noise level 	Daily

परिशिष्ट-2 (B)

निकायों द्वारा परिसम्पत्तियों के प्रतिस्थापन हेतु Replacement schedule निम्नानुसार है:-

Item	Scheduled Replacement
Painting of Building (Intake Well & WTP) and OHTs,Pumping Machinery	Once in [3] years
Electrical Motors	Once in [15] years or as and when required
Chlorination Equipment	Once in [5] years or as and when required
Instruments (Intake, WTP, OHT, etc.)	Once in [5] years or as and when required
Pipe Lines	As and when required
Valves	As and when required
Bulk Meters and Pressure Loggers	Once in [5] years or as and when required
Consumer Meters	Once in [5] years or as and when required
Computers Hard Wares and Software	Once in [3] years or as and when required

सचिव
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