

CUSTOMER Anonymised, 3-BHK	ADDRESS Salt Lake, Kolkata	VISIT DATE 14 May 2026 Next due: 14 Jun 2026	ENGINEER R. Kumar UW-ENG-117
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STEP 01

Before the visit

Customer reported: faint scaling on shower fittings; no change in drinking-water tap.

Last visit's parameters carried forward:

TDS 142 ppm <i>in range</i>	HARDNESS 42 ppm <i>in range</i>	IRON 0.1 ppm <i>in range</i>	PH 7.2 <i>in range</i>	FRC 0.4 ppm <i>in range</i>
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STEP 02

On site

ACTIONS PERFORMED

- Pressure read across inlet/outlet
- Brine tank inspected · salt at 65%
- Resin sample drawn from softener bed
- Carbon block replaced (12-month interval)
- Backwash cycle run for 6 minutes
- Flow-meter reading: 14,820 L cumulative

PARAMETERS MEASURED

Parameter	In	Out	Status	Spec
TDS (ppm)	142	138	in range	50-500
Hardness (as CaCO ₃ , ppm)	42	38	in range	< 60
Iron (Fe, ppm)	0.10	0.08	in range	< 0.3
pH	7.2	7.3	in range	6.5-8.5
FRC (mg/L)	0.40	0.38	in range	0.2-1.0
Turbidity (NTU)	0.6	0.5	in range	< 1.0

STEP 03

After

MAINTENANCE ACTIONS

- Carbon block replaced · next due Apr 2027
- Brine tank topped up with 5 kg food-grade salt
- Service tag updated on outlet vessel

FLAGS RAISED

No flags this visit.

NEXT VISIT

14 Jun 2026 Scope: standard monthly

*This is what every monthly visit produces.
Measured. Logged. Filed. The discipline is the product.*

Signed

R. Kumar · UW-ENG-117