

Treatment Process Designer

Water, RO & Sanitation

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Designs a water treatment train matched to your source-water analysis and product — the stages, sizing logic and disinfection needed to meet standards. Use it to design treatment before buying machinery.

Purpose of this tool & output

Design the treatment train for your water

How the output is used

Use it to design the treatment train for your water — a treatment process designer matched to your source water and target quality.

Important cautions

Indicative design from your stated analysis; a full accredited water analysis is essential and design should be validated by a treatment engineer. Confirm the train and sizing against a proper source analysis and the applicable standard.

Companion documents

- Water Plant Setup Plan
- Plant Machinery Selection Guide
- In-House Laboratory Setup Guide
- Plant Layout & Hygiene Design
- Plant Utilities & Power Plan
- Capacity & Utilisation Planner

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.