

ETP Design & Setup Guide

Water, RO & Sanitation

Document type: Plan / SOP / strategy / guide · Generated 14 Oct 2026

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

Produces an ETP design brief for an industrial or commercial client — effluent characterisation, treatment stages, discharge norms and sizing logic — as a services or turnkey offering. Use it to scope an effluent treatment plant.

Purpose of this tool & output

Design an effluent treatment plant

How the output is used

Use it to design an effluent treatment plant — an ETP design and setup guide across load, process and discharge norms.

Important cautions

Indicative scoping from your inputs; ETP design requires proper effluent analysis, an environmental engineer and PCB-approved norms, and some sectors mandate zero liquid discharge. Confirm norms and design with the PCB and a competent consultant.

Companion documents

- STP Design & Setup Guide
- Water Treatment Plant (WTP) Design Guide
- Treatment Plant O&M SOP
- Effluent Compliance & Monitoring Plan
- Sludge Management Plan
- Treatment Plant Performance Audit

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.