

Troubleshooting Common STP Issues

1. Unpleasant Odors

- **Causes:** Anaerobic conditions, debris buildup.
- **Actions:** Increase aeration, and clean the bar screen chamber regularly.

2. Inefficient Treatment

- **Causes:** Blockages in pipelines, malfunctioning pumps.
- **Actions:** Clear blockages, check and repair pumps and control systems.

3. Overflow

- **Causes:** Inadequate drainage, and excessive inflow.
- **Actions:** Elevate the STP platform, manage inflow rates, and inspect drainage systems.

4. System Alarm Messages

- **Causes:** Electrical faults, sensor malfunctions.
- **Actions:** Review control panel errors, check electrical connections, and test or replace faulty sensors.

5. Water Quality Issues

- **Causes:** Inadequate treatment, contamination.
- **Actions:** Conduct regular water quality tests, eliminate contamination sources, and adjust treatment processes.