

## How effective are chemical dosing systems for odour control?

Chemical dosing systems can eliminate up to 95% of odours by controlling emissions of gases like hydrogen sulfide (H<sub>2</sub>S) in wastewater treatment facilities. They also reduce corrosion, making them a preferred choice for comprehensive odour management.

## How does a chemical dosing system work for odour control?

A chemical dosing system consists of a control panel and a dosing pump. The control panel sets parameters such as flow rates, reagent concentrations, and contact time. The dosing pump injects the reagent into wastewater at a controlled rate to neutralise odours and reduce gas emissions effectively.

## What are the main applications of chemical dosing systems?

Chemical dosing systems are primarily used in wastewater treatment for controlling odours in sewer manholes, pump stations, and rising mains. They ensure compliance with Work Health Safety (WHS) regulations by reducing H<sub>2</sub>S emissions and mitigating corrosion of wastewater system facilities.

## How can CleanaWater help in selecting the right chemical dosing system?

CleanaWater offers expert consultation to determine the most suitable chemical dosing system based on specific wastewater treatment needs. This includes evaluating wastewater type, pollutant concentrations, treatment volume, and budget constraints to ensure optimal odour control and regulatory compliance.