

WATCH WATER UAE | TECHNICAL OVERVIEW

Instant Oxydes

Instant Oxydes is a fast-acting oxygen-based oxidising formulation used for oxidation, disinfection and sanitisation. It is engineered together with reaction time and a downstream filtration or separation step so oxidised iron, manganese, sulphide and organic material can be removed from the water.

TREATMENT FOCUS

- 01 **Iron and manganese oxidation**
- 02 **Hydrogen-sulphide oxidation**
- 03 **Disinfection**
- 04 **Odour reduction**
- 05 **Organic-pollutant oxidation**
- 06 **Pre-oxidation before catalytic filtration**

TECHNICAL WORKFLOW

- 01 **Define:** Set the chemical objective, target concentration, process volume and required residual or endpoint.
- 02 **Prepare:** Prepare solution or feed conditions according to product handling and compatibility requirements.
- 03 **Dose:** Apply at the controlled rate and injection point needed for mixing and reaction.
- 04 **Confirm:** Monitor the selected parameter, treatment result and downstream impact before optimising the programme.