



Specialists in Ozone, UV and Advanced Oxidation Processes System Design & Supply

ESCO International solutions & technologies provide an innovative portfolio of technical services and equipment, specializing in Ozone, UV and Advanced Oxidation Processes (AOP) for drinking water, municipal & industrial wastewater treatment, ground water remediation, gas effluent and odour treatment.

We design and supply a wide range of products and treatment systems, providing added value through a complete turn-key service from design through to commissioning and servicing.

Applications:

- Water and wastewater disinfection,
- TOC, COD and VOCs reduction,
- Oxidation of a wide range of recalcitrant and bio-toxic organic contaminants, Phenols, MTBE, BTEX, Chlorinated compounds, Mercaptans, H₂S, Cyanides, Urea, taste & odour-causing compounds, Endocrine Disrupting Compounds (EDCs), Pharmaceuticals and Personal Care Products (PPCPs), Active Pharmaceutical Ingredients (API), Pesticides & Herbicides, and many other challenging applications.
- Water reclaim, reuse, recycle
- Produced Water Treatment
- Ballast Water Treatment
- Swimming Pool disinfection & chloramines removal
- TOC reduction in High purity and Ultrapure water systems
- VOCs, H₂S, Mercaptans removal in waste gas streams
- Ozone and chlorine photo destruction

Products & Services:

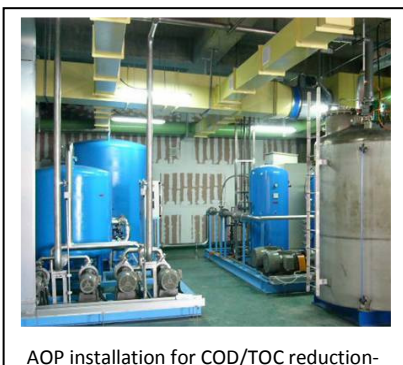
- Comprehensive range of low & medium pressure UV systems
- Ozone generators and ancillary equipment.
- Design & supply of engineered ozone and AOP treatment systems (O₃/UV, H₂O₂/UV, O₃/H₂O₂, O₃/H₂O₂/UV, CATADOX)
- RO plants
- Design and supply of laboratory and industrial pilot plants.
- Technical consultancy, Pilot and laboratory services



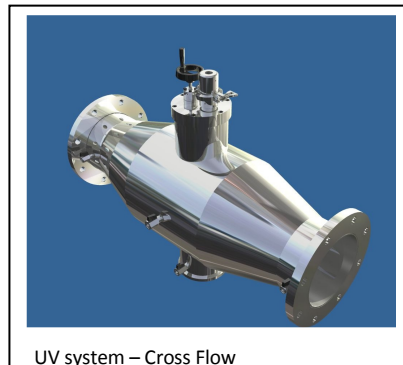
600 m3/h AOP installation for TOC reduction



Ozone installation for water treatment



AOP installation for COD/TOC reduction-



UV system – Cross Flow



RO-Membrane Plant

For professional solutions contact ESCO International
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