

Providing Expert Solution Technologies System Design and Supply Ozone and UV systems & Advanced Oxidation Processes

ESCO International is an expert provider of Ozone, UV and Advanced Oxidation Processes for industrial and municipal applications. Using advanced treatment technologies, the group offers unique solutions to some of the most critical water and waste water and gas effluent challenges.

Process Expertise & Applications:

- Water, wastewater, air and surface disinfection,
- TOC, COD and micro pollutants oxidation
- COD & TOC reduction for water reclaim, reuse, recycle or discharge
- Tertiary Produced Water Treatment (COD, TOC, Oil reduction)
- TOC reduction in High purity and Ultrapure water systems
- Spent caustic treatment (H₂S, COD, TOC)
- Power Plant, Oil & Gas, Refineries (TOC, COD, H₂S reduction)
- Mining industry wastewaters (iron, cyanides, COD..)
- Biologically treated wastewaters
- Ballast Water Treatment
- Pharmaceutical industry (COD, TOC, Antibiotics, EDCs, removal)
- Condensate water treatment
- Swimming Pool disinfection & chloramines removal
- Bottling plants, Food & Beverage
- Biological fluids disinfection
- VOCs, BTEX, H₂S, Mercaptans, gas effluents and odour removal
- Residual chlorine & chloramines UV destruction
- and many other special applications....

Products & Services:

- Comprehensive range of low & medium pressure UV systems
- Ozone generators, PSA Oxygen generators and ancillary equipment.
- Design & Supply of complete Ozone & AOP Pilot skids
- Design & supply of UV disinfection systems, TOC UV reduction systems, UV oxidation systems, Ozone and Advanced oxidation systems (O₃/UV, H₂O₂/UV, O₃/H₂O₂, O₃/H₂O₂/UV, CATADOX)
- Pilot and laboratory services
- Technical consultancy services, R&D Projects



The advertisement graphic features the ESCO International logo at the top left. A vertical banner on the left contains the website www.escouk.com. The central area has a green background with a water droplet and lists various services: Innovative Solutions, Advanced Oxidation Process Expertise, Industrial Process Water Treatment, Pilot Plants, Ozone Systems, UV Treatment, Gas Effluent Treatment, Odour Control, Laboratory Facilities, Equipment Design & Supply, and Ground Water Remediation. At the bottom, it says 'THE CLEAN TECHNOLOGY'. On the right, there is a circular diagram of pollutants (MTBE, IPA, PCBs, TMAH, Alcohols, NMP, DMSO, Ethers, Glycols, UREA, BTEX, VOCs, PAHs) and three images of industrial equipment: a large storage tank, a UV reactor, and a set of blue cylindrical tanks.

For professional solutions contact ESCO International at info@escouk.com or call +44 (0)1492 584140