Design Specifications

Ozone / Advanced Oxidation / UV Oxidation

Please complete and email to info@escouk.com or fax to +44 1492 580059.

Type of Industry:
Location:
Type of water / wastewater: ……..
Application: Disinfection / Oxidation / TOC / COD / BOD / Specific treatment
Treatment objective: Drinking / Reclaim / Reuse / Recycle / Discharge / Other
Space available: x……x…….x
Power Supplies available: V HZ PH
Installation: indoors / outdoors
Altitude a.s.l: m
Maximum ambient temperature :
Minimum ambient temperature :

Water / Waste Water Characteristics / Specifications & Treatment Requirements			
PARAMETERS	**INLET OZONE / AOP PROCESS**	**OUTLET OZONE / AOP PROCESS**	**COMMENTS**
Daily Volume (m3/24hrs) (If different please specify)			
Flow (m3/h), maximum & average			
Available Water Pressure (bar g)			
UV Transmisssion scan at 200-300nm or UVT at 254 nm, 1 cm cell			
pH			
Water Temperature, °C (max 35C)			
COD (ppm)			
BOD (ppm)			
TOC (ppmC)			
Phenol (ppm), TAH, TH, PAH, BTEX, MTBE, Urea, other			
Mercaptans, ppm (please specify)			
Oil & Grease content (ppm), dissolved			
Fe (ppm) Mn (ppm)			
Bromide (ppm) , Nitrite (ppm)			
NH3 (ppm)			
H2S (ppm)			
Cyanides (free), ppm Cyanides (complexed), ppm			
Total Alkalinity (ppm CaCO3)			
Total Hardness (ppm CaCO3)			
TSS (ppm)			
TDS (ppm)			
Conductivity			
Turbidity			
Colour			

Full Water Analysis (please tick) : available not available

Current Treatment process if any	Effluent water quality	Efficiency
Coagulation		
Sand filtration		
Biological		
Reverse osmosis, MF/UF		
GAC		
API, DAF, other		

Pre-treatment (before AOP/OZONE)	
Post-treatment (after AOP/OZONE)	
Other Remarks:	

Other comments & additional information about the project:

Project Bid Date:

Expected PO Date:

On site Delivery Date:

Company Name:

Contact:

Signed by:

Date: