

DESIGN QUESTIONNAIRE - Gas Effluents

OZONE / ADVANCED OXIDATION SYSTEMS

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

Type of Industry:

Location:

Type of gas effluent:

Application:

Treatment objectives:

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 :

Gas Effluent Characteristics			
Parameters	Before O3-AOP	AFTER O3-AOP	Comments
Is the gas stream a continuous flow or a batch ?			
Flow (Nm3/h), Maximum, Minimum & Average			
Daily Volume, if batch (m3)			
Gas stream Pressure (bag g)			
Gas stream Temperature (°C)			
Gas stream Relative Humidity			
Particles concentration (ppm)			
VOC (ppm), TVOC (Total VOC), ppm			
TOC (ppm)			
BTEX concentration, ppm			
NOx, SOx			
H2S (ppm)			
Mercaptans (ppm)			
Oil content (ppm)			
Other Organic Compounds present, (ppm)			

Full Gas Analysis (please tick) : available

not available

Current Treatment process	Effluent water quality	Efficiency
Scrubber		
GAC / PAC		
Biological		
Thermal		
Other		

Proposed Pre-treatment (before O3- AOP)	
Proposed Post-treatment (after O3-AOP)	
Other Remarks:	

Other comments & additional information: