

VOC

Steuler Anlagenbau supplies the entire spectrum of catalytic and thermal processes and plants for VOC reduction based on more than 30 years of experience in developing, planning, supplying, commissioning and maintaining more than 1,000 plants around the world. Thanks to the systematic optimization of the catalysts, components and process control systems that make up the modular system, it is possible to construct plants of all different sizes – either as a turnkey system or as stand-alone and process stages.



Our VOC combustion plants find use in engine and turbine generators, combustion plants, chemical, petrochemical and metallurgical processing plants as well as in hazardous waste and residue incineration plants and other processes besides. When catalysts are used for the catalytic oxidation of VOC, they can be used both selectively and in combination with a SCR catalyst linked to a catalytic NO_x reduction unit. This makes it possible to use systems that are optimised for low investment and operating costs.

Thermal VOC combustion systems are preferentially used where catalyst poisons may be present in the exhaust gas.

Our plants meet the strictest international standards for air purity and consist of individually and optimally matched process, measurement and control components. We attach special importance during planning and execution to achieving maximum operational reliability and high levels of flexibility while ensuring the economic viability of expanding the plant in the future. Straightforward handling of the plant, either locally or remotely over the Internet, ensures cost-effective and reliable plant operation on a day-to-day basis – we remain in contact.