

YOUR PARTNER IN SCR, CATALYST AND NO_x TREATMENT TECHNOLOGY

Emergency Power Supply

Gas Compression

Cogeneration Plant

Waste Incineration Plants



ENGINEERING & SERVICE

NEW LIMIT VALUES BY TA LUFT 2017

H+H – YOUR PARTNER FOR EMISSION REDUCTION BY SCR TECHNOLOGY

Stationary combustion engines as well as non-motor combustion processes are subject to strict legal guidelines, demanding the implementation of efficient measures to reduce emissions while maintaining the best possible level of performance.

A challenge that HuHES successfully masters with its plant technology.

Our exhaust gas treatment plants enable the achievement of nitrogen oxide reduction rates of > 95 %, and engines operated in this manner undershoot pertinent limits to a considerable degree.

Diesel engines, gas engines, dual fuel engines, bio oil and rapeseed oil engines as well as boilers and glass furnaces – all profit equally from this technology.

In addition to the planning, operation and maintenance of such plants, our services include the integration of appropriate additional components, such as urea storage facilities or urea preparation stations.

We are also the right partner for oxidation or special catalysts and special applications (e.g. chemical processes).

Draft

Planning, engineering

Commissioning

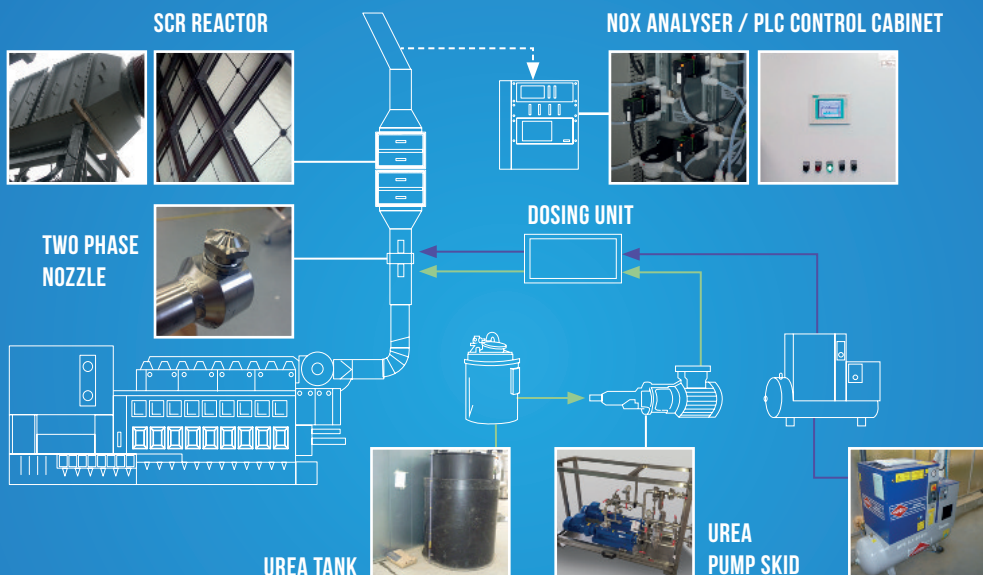
Service, maintenance

DRAFT

PLANNING, ENGINEERING

COMMISSIONING

SERVICE, MAINTENANCE



SCR PRINCIPLE

SYSTEM HIGHLIGHTS

PLC / CONTROL PANELS:

- Multiple Interface Technology
- Advanced Control Features
- Data Logging and Reporting
- Custom Made Software Options

CATALYST TECHNOLOGY:

- Flexible and lean solution through diverse catalyst geometries
- Multi-layer system (modular exchange system)
- Differential pressure measurement (via catalyst)

REDUCING AGENT PUMP:

- Screw pump provides constant pressure, pulsation free for best dosing accuracy
- No restriction on the distance between the pump and dosing unit

REDUCING AGENT DOSING UNIT:

- Accurate, real-time measurement of reducing agent flow by Magnetic Inductive Detection
- Precise adjustments in increments of 0.1 l/h



SOLUTIONS & SERVICE BY INTERNATIONAL NETWORK

Maintenance and after sales service for exhaust gas cleaning systems with service partner located in the Netherlands, Norway and North America

- ▶ Supply network of spare parts (catalysts, pumps, valves...)
- ▶ Function tests and commissioning
- ▶ Adjustments and optimization of existing plants before and during certification procedures
- ▶ Improvement of software and programming of PLCs
- ▶ Online monitoring of analyzer and PLC unit via Ethernet (secure VPN)
- ▶ Specific Training for Operators and Customers
- ▶ Regeneration of catalysts
- ▶ Catalyst Analysis (Activity, Pore Structure, Chemical Poisoning)
- ▶ Catalyst Management Plans (exchange and reloading strategies)

24/7

Customer Support

AN EXCERPT FROM REFERENCE BRANCHE



Power Plants



Gas Compression



Emergency & Cogeneration Plants



Waste Incineration Plants



ENGINEERING & SERVICE

Founded in 2007 HuHES plant and exhaust gas treatment technology has been a byword for many years for rational and sustainable services of superior quality – commencing with the initial idea, encompassing successful realisation and guaranteeing the continuous support of your projects.

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