

SYSTEMS

Flue Gas cleaning

Flue gas cleaning after incineration of liquids
DOW Chemical Stade, Germany**Source of exhaust air:**

Rotary kiln for chemical waste

Capacity:46.000 Nm³/ h, wet**Temperture of exhaust gas:**

280°C before quench

Polluting agents:

HCl: 830 Kg/ h

Cl₂: 350 Kg/ h

HBr: 350 Kg/ h

HF: 350 Kg/ h

SO₂: 40 Kg/ h

Dust: 6 Kg/ h

Efficiency rate:

in accordance with 17.BImSchV

Abb. 11: Flue Gas cleaning DOW Chemical Stade, Germany

Scope of supply

Turnkey system including:

quench

counter-current scrubber

four-stage IWS (Ionizing Wet Scrubber)

exhaust fan

stack

high voltage supply

pipe and ductwork

Year of construction: 1988