

# BERTSCHenergy

Power plants  
Process equipment

95  
JAHRE

TRADITION  
QUALITÄT  
KNOW-HOW  
SEIT 1925

## Refinery plant in Niedersachsen

Reference Sheet



**BERTSCH**

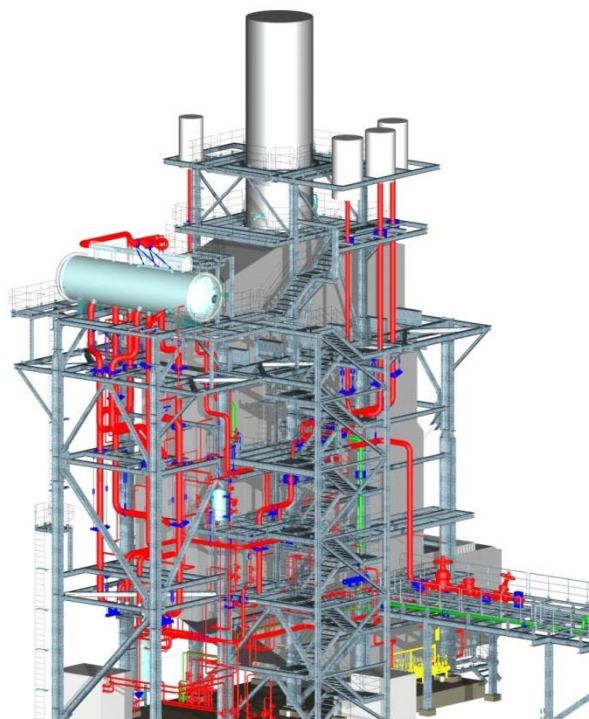
TRADITION, QUALITY, KNOW-HOW. SINCE 1925

## »HRSG (Heat Recovery Steam Generator) downstream a GE Frame 5 2E (31 MWe) gas turbine – Commissioning 4<sup>th</sup> quarter 2014«

The HRSG downstream a 31 MWe gas turbine with intense secondary firing serves the steam supply of this sour gas site.

Due to particular site conditions, highest quality and safety requirements in respect to corrosion and explosion protection were implemented. Special respect was paid to low gas turbine back pressure for maximum electricity output.

The plant is already designed and built to be equipped with an SCR unit at a later stage.



### TECHNICAL DATA

» Steam flow (MCR)	80 t/h
» Steam pressure	30 bar
» Steam temperature	370 °C
» GT flue gas flow	102 kg/s
» GT outlet temperature	512 °C
» Additional firing	20 MW
» Fuel	natural gas

### SCOPE OF SUPPLY

» Flue gas system between gas turbine and boiler
» Boiler
» Firing system
» Electrical, I&C

