

# BERTSCHenergy

Power plants  
Process equipment

95  
YEARS

TRADITION  
QUALITY  
KNOW-HOW  
SINCE 1925

## Industriepark Höchst

Reference Sheet



**BERTSCH**

TRADITION, QUALITY, KNOW-HOW. SINCE 1925

## »HRSG (Heat Recovery Steam Generator) downstream 2x SGT-800 (2 x 52 MWeI) gas turbine – Commissioning 4<sup>th</sup> quarter 2010«

The plant provides the chemical facility with electricity and steam. For this purpose, a mutual waste heat recovery boiler was constructed for two gas turbines. The plant concept combines the highest degree of flexibility with a reduced level of operation and maintenance input. The construction of this plant presented a particular logistical challenge as the construction site was narrow and only accessible from one side.

### TECHNICAL DATA

» Steam flow MCR (HP)	130.3 t/h
» Steam flow MCR (LP)	29.3 t/h
» S.H. steam pressure (HP)	121 bar
» S.H. steam pressure (LP)	4.2 bar
» S.H. steam temperature (HP)	515°C
» S.H. steam temperature (LP)	170°C
» Flue gas flow	2 x 132 kg/s
» GT outlet temperature	563°C

### SCOPE OF SUPPLY

» Boiler incl. stack
» Diverter with bypass stack
» Field devices
» Steel structure
» Pipe work inside the boiler house

