

BERTSCHenergy

Power plants
Process equipment

90
YEARS

TRADITION
QUALITY
KNOW-HOW
SINCE 1925

Industriepark Höchst

Reference Sheet



BERTSCH

TRADITION, QUALITY, KNOW-HOW. SINCE 1925

»HRSG (Heat Recovery Steam Generator) downstream 2 x Siemens SGT-800 (2 x 52 MWel) gas turbine– Commissioning 4th 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

» MCR (HP)	130.3 t/h
» 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	2x132 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

