

BERTSCHenergy

Power Plants
Process Equipment

95
YEARS

TRADITION
QUALITY
KNOW-HOW
SINCE 1925

Chemiepark Marl / DE

Reference Sheet



BERTSCH

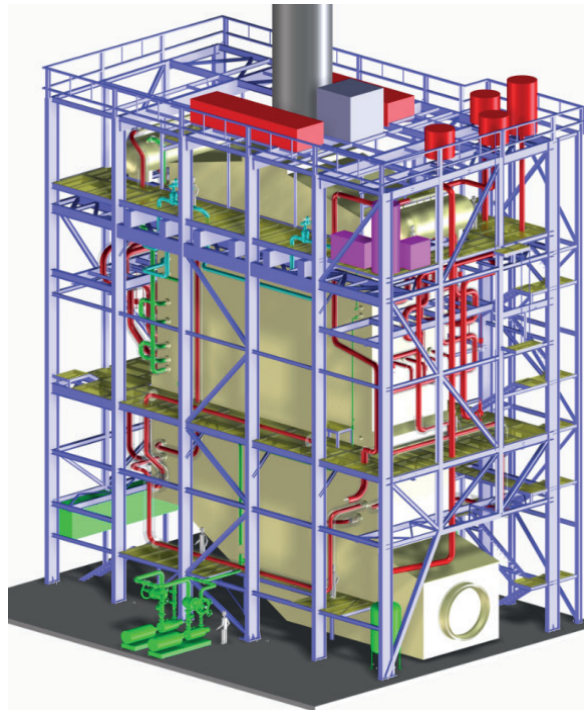
TRADITION, QUALITY, KNOW-HOW. SINCE 1925.

»HRSG downstream gas turbine (SGT-800, 48 MWeI)«

The Marl Chemical Park is one of the largest chemical sites in Germany and also Evonik's largest production location. In addition to Evonik, its subsidiaries and its affiliates, fifteen other companies have operations in the Chemical Park.

Roughly 100 production plants are linked in a tightly integrated material and energy network and are, for the most part, operated around the clock. The energy requirements of the Marl Chemical Park are met by generating steam and electricity (combined heat and power) by several power plants at site.

This CCPP based on a 48 MWeI gas turbine was realized by E.ON Energy Projects and BERTSCHenergy was the supplier of its core part the HRSG incl. all auxiliary.



TECHNICAL DATA

» Steam flow (MCR) (HP)	123 t/h
» Steam pressure (HP)	75 bar (a)
» Steam temperature (HP)	480° C
» Steam flow (MCR) (LP)	11.3 t/h
» Steam pressure (LP)	4.4 bar(a)
» Steam temperature (LP)	240°C

SCOPE OF SUPPLY

» Key-turn heat recovery steam generator incl.:
» Burner
» Feed water system

