

BERTSCHenergy

Power plants
Process equipment

95
YEARS

TRADITION
QUALITY
KNOW-HOW
SINCE 1925

Feeder Vessels for Coal Liquefaction Plants

Reference Sheet



BERTSCH

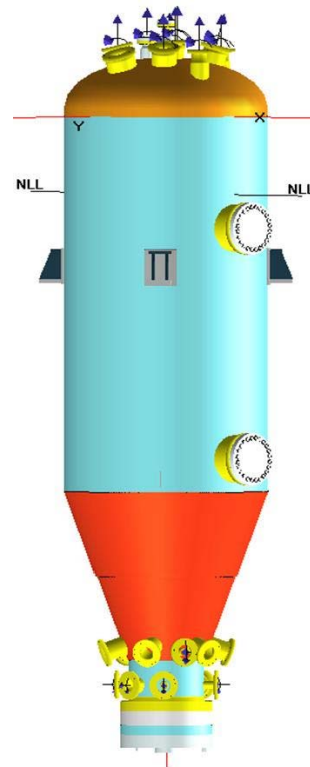
TRADITION, QUALITY, KNOW-HOW. SINCE 1925

»Feeder vessels for the USA and China - Commissioning 2008/2009«

Extraction and intermediate storage are logistical challenges concerning thermal utilization of pulverized coal on a large industrial scale.

“Intelligent“ process equipment such as these feeder vessels optimizes the preparation of the thermal utilization. The vessels consist of the following assembly units: pressure jacket, splitter cone, dust feed pipe, whirl tray with agitator (fluidization mechanism) and warm water trace heating (on the outer sheath).

The highest manufacturing precision is required despite massive wall thicknesses, and this is a speciality of our welding technology.



TECHNICAL DATA

» Design-Code	ASME VIII/DIV:1+U-Stamp
» Main material	SA-516 Gr. 70, SA-160 Gr.B
» Wall thickness	76 mm
» Design pressure	56 barg
» Design temperature	-20/+120 °C
» Diameter	3.6 m
» Length of component	13 m
» Unit weight	100 to

