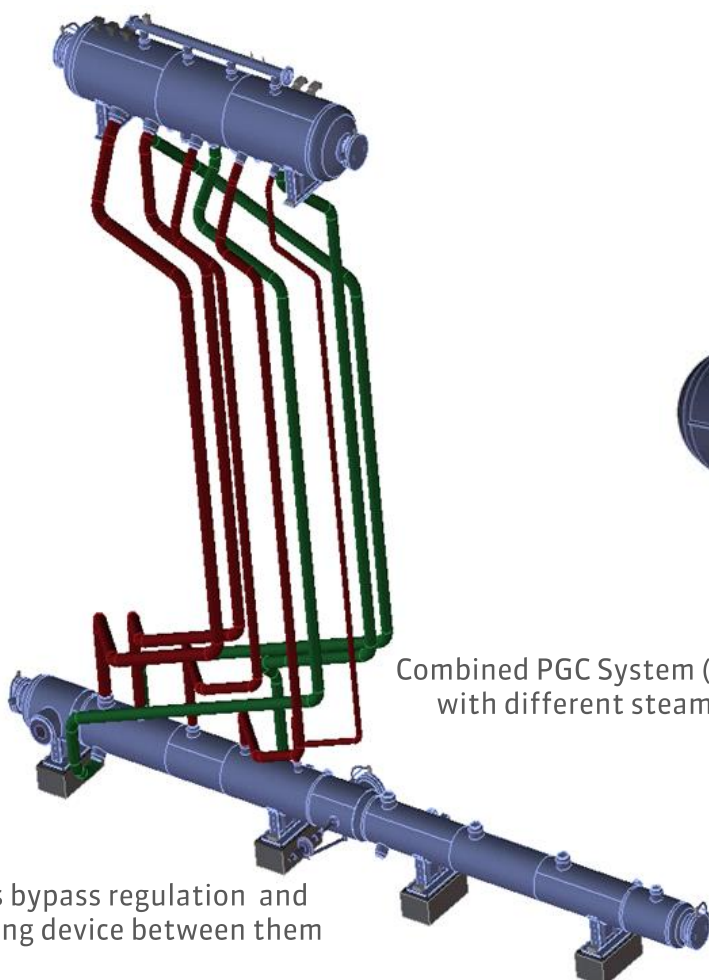


## Special Process Gas Cooler Systems

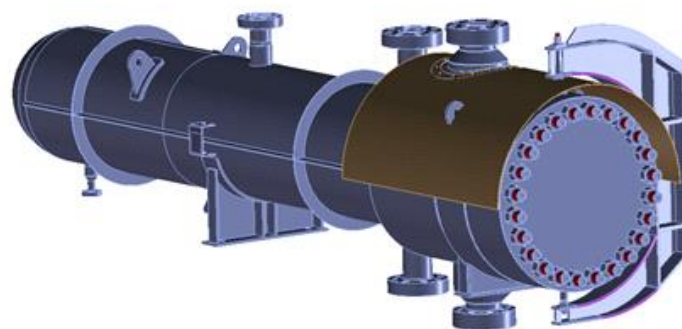
Reference Sheet



gas bypass regulation and  
mixing device between them

Combined PGC System (two single PGCs  
with different steam parameters)

Cooler  
for Process Gas  
with 350 barg



## »Special Process Gas Cooler Systems for Ammonia & Hydrogen Productions«

### REFERENCE EXAMPLE

Process Gas from Steam reformer with **350 barg** is cooled with a U-type Process Gas Cooler.

- » Forged inlet chamber made of SA182 F22 Cl.3.
- » Tube sheet is clad with Inconel 600.
- » Tube to tubesheet connection with inbore welding.



### REFERENCE EXAMPLE

Process Gas from Steam reformer is cooled with two Process Gas Cooler Stages working at 52 and 39 barg.

- » Combination of two different steam systems
- » Actuator for gas regulation device situated lateral
- » Tube to tubesheet connection with inbore welding

