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Process Equipment

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QUALITY
KNOW-HOW
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Boiler feed water (BFW) preheater in ammonia production

Reference Sheet



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TRADITION, QUALITY, KNOW-HOW. SINCE 1925.

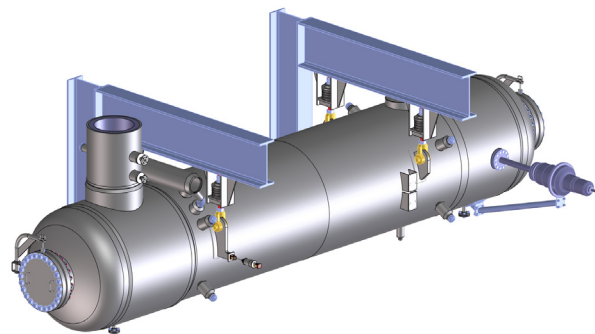
» Boiler feed water (BFW) preheater in ammonia production «

Alexandria, Egypt | Delivery date: Q4/2020

High pressure process gas coolers which have to be re-vamped because of reaching end of lifetime are always very critical system components for the owner, no matter if they are acting as evaporators or boiler feed water preheaters as illustrated in this reference example.

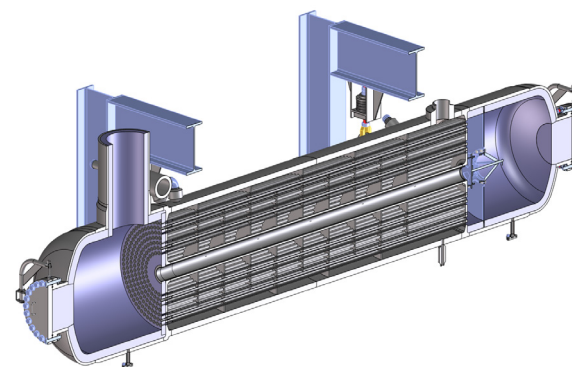
Not only the 131 barg design pressure on the water side but also the pressurized H₂/CO rich process gas demands sophisticated detail design and manufacturing know-how. As operators have to minimize the risk of unplanned shut downs suppliers have to offer the new equipment with the absolute shortest delivery time.

BERTSCH is proud to executed such projects in competitive time together with no compromises in quality.



TECHNICAL DATA

» Gas side mass flow	161,500 kg/h
» Water side mass flow	303,000 kg/h
» Heat duty	22.8 MW
» Design pressure gas side	35.4 barg
» Design pressure water side	131 barg



SCOPE OF SUPPLY

» BFW preheater
» Gas mixing and control device
» Refractory lining

