

2522 DUSLO CPAVOK-4 PROJECT SUPPLY OF TWENTY EIGHT (28)

SHELL & TUBE HEAT EXCHANGERS FOR NEW AMMONIA UNIT

AT SAL'A PLANT, SLOVAK REPUBLIC

Client / End User: TECHNIP Italy SpA / DUSLO a.s.

Year: 2016

Short Project Description :

Supply of the equipment package, comprising :

- Endorsement of the design dossier
- Detailed workshop engineering and fabrication studies
- Material procurement and fabrication of equipment
- Testing, inspection and CE marking of the equipment
- Sandblasting and painting
- Spare parts for consumable pre-commissioning, commissioning and start-up and for 2 years maintenance
- Final documentation and transportation of the following 28 Shell and Tube Heat Exchangers for DUSLO new Ammonia Unit at Sal' A, in Slovak Republic.
 - 010-E-211 Methanatortrim Heater
 - 010-E-217 Fuel Gas Preheater
 - 010-E-292 Start-Up N2 Cooler
 - 010-E-293 Start-Up N2 Heater
 - 010-E-302 Stripper Reboiler
 - 010-E-305 Feed Water Preheater
 - 010-E-306 CO2 Product Cooler
 - 010-E-308 Process Gas Cooler
 - 101-E-311 1/2 Gas-Gas Exchanger (1st & 2nd Shell)
 - 010-E-312 Final Cooler
 - 010-E-411 Natural Gas Compressore Recycle Cooler
 - 010-E-421 Process Air Compressore 1st Stage Cooler
 - 010-E-422 Process Air Compressore 2nd Stage Cooler
 - 010-E-423 Process Air Compressore 3rd Stage Cooler
 - 010-E-441 Ammonia Compressore 2nd Stage Cooler
 - 010-E-510 1/2 Ammonia Condenser (1st & 2nd Shell)
 - 010-E-511 Inert Vert Gas Chiller
 - 010-E-512 Ammonia Product Heater
 - 010-E-551 1/2 Ammonia Recovery Exchanger (1st & 2nd Shell)
 - 010-E-552 Ammonia Recovery OH Condenser
 - 010-E-553 Ammonia Recovery Reboiler
 - 010-E-554 Ammonia Recovery Cooler
 - 010-E-611 1/2/3 Process Condensate Exchanger (1st, 2nd & 3rd shell)

010-E-305 Feed Water Preheater



010-E-411 Natural Gas Compressor Recycle Cooler



010-E-308 Process Gas Cooler



010-E-211 Methanatortrim Heater



010-E-311 1/2 Gas-Gas Exchanger (1st & 2nd Shell)

