

## **ISBL 2546 PROJECT SUPPLY OF TWELVE (12) SHELL & TUBE HEAT EXCHANGERS FOR POLYETHYLENE PLANT PE3 CZECH REPUBLIC, LITVINOV**

**Client / End User:** TECHNIP Italy SpA / Unipetrol RPA, s.r.o.

**Year:** 2017

**Short Project Description :**

Supply of the equipment package, comprising :

- Endorsement of the design dossier
- Detailed workshop engineering and fabrication studies of
  - E-3003 Reactor Start-Up Heater
  - E-3005 Intermediate Treatment Scrubber Condenser
  - E-5001 LSR Condenser
  - E-5003 HSR Subcooler
  - E-5004 Heavies Column Reboiler Bundle
  - E-5005 Ethylene Cooler
  - E-5006 A/B LIR Coolers
  - E-5007 LPSR Cross Exchanger
  - E-5009 Lean Iso Reboiler Bundle
  - E-5016 LSPR Blower Suction Cooler
  - E-5017 LPSR Blower Discharge Coolerfor Unipetrol RPA Polyethylene Plant in PE3 Unit, Czech Republic, Litvinov
- Material procurement and fabrication of equipment
- Testing, inspection and CE marking of the equipment
- Sandblasting and painting
- Packing and marking to ensure safe preservation and transportation
- Spare parts for consumable pre-commissioning, commissioning and start-up and for 2 years maintenance
- Delivery FCA EKME Thessaloniki Shop
- Final documentation

*E-3003 Reactor Start-Up Heater*



*E-3005 Intermediate Treatment Scrubber Condenser*



*E-5001 LSR Condenser*



*E-5016 LSPR Blower Suction Cooler*



*E-5006 A/B LIR Coolers*



*E-5005 Ethylene Cooler*

