Amursky Gas Processing Plant
Success Story
Project Summary:

- Customer: Maire Tecnimont S.p.A., Milan, Italy
- Project: Amursky Gas Processing Plant
- End user: Gazprom
- Core process technology: Linde, Germany
- Final location: Amursky region, Russia
- Scope of supply: 27 pcs canned motor pumps to NGL (Natural Gas Liquid) tank farms, API685 2nd edition, instrumentation, winterization
- Order value: EUR 4,000,000
Project Background:

Started in 2015, the Amursky Gas Processing Plant (AGPP), once completed, will become one of the largest gas treatment plants in the world. It will form an essential part in the process chain of natural gas supplies via the Power of Siberia gas pipeline. The core process equipment for cryogenic recovery of petrochemical substances is supplied by Linde, Germany.

HERMAG’s supply was part of Tecnimont’s implementation of package no. 3 of AGPP, which forms the biggest contract ever awarded to Tecnimont. This highlights the tremendous importance of the whole project.
Execution:

The whole project of canned motor pumps delivery to AGPP was set up on extremely high technical requirements and customisations, all at the (given the project size) very tight lead time of less than one year.

HERMAG was awarded this job thanks to its vast experience with EPC project execution, engineering expertise and ability to satisfy the customer design requirements while keeping the deadline unchanged.

As expected, the project has proven to be a real challenge from the engineering, manufacturing and project management side. In the end, HERMAG managed to deliver its whole scope of supply within the contractual deadline, including an extensive set of documentation and a long list of witnessed inspections during the manufacturing process.

As a result, HERMAG has again proven its ability to deliver highly engineered products under the most stringent conditions, thus offering a great value to its EPC customers.
In numbers:

- 22 pcs horizontal canned motor pumps, 250kW, API685 2nd edition
  Pumping C3+ fraction / Butane fraction / Propane-Butane, min. SG = 0.465
- 3 pcs horizontal canned motor pumps, 145kW, API685 2nd edition
  Pumping C5+ fraction, min. SG = 0.618
- 2 pcs vertical multistage canned motor pumps, 145kW, API685 2nd edition
  Pumping Propane fraction, min. SG = 0.465
- 87 pcs of approved documentation per each item out of 6
- 21 pcs of approved documentation under penalty
- Total 96 tests in the ITP plan per each item out of 6
- 47 witnessed tests by the contractor in the ITP plan per each item out of 6
Pumps for Life

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