



Capillary tubes in special grades extend the lifetime of petrochemical plants onshore and offshore

STAY TOUGH WHEN THE CONDITIONS GET ROUGH

ETHEN ROHRE FOR THE OIL AND GAS INDUSTRY

Via the Internet a plant manufacturer for the international petrochemical industry became aware of ETHEN ROHRE. The requirement posed was a high-performance production partner for production of precision tubes in special grades used for the transport of gases and liquids in plants applied onshore and offshore. A task like no other, because the extreme external influences of air, water, salt content, temperature and pressure differences are especially demanding on plants used in refineries, on gas tankers and drilling platforms. The solution lies in the material; exclusively special alloys provide for the necessary resistance. They can, however, only be produced in tube drawing with particular experience and extremely high demands on quality. Tighter tolerances, separate tests according to own test plans and an extensive preliminary check already in the material selection phase are some accompanying factors, as well as the detailed documentation of selection and production steps. ETHEN ROHRE has got many certifications and great experience in handling special materials. An especially important basis needed for realization of this project.

Through recommendation and via our website www.ethen-rohre.de we got to know the customer and in the course of project planning convince him that we are the right production partner for capillary and precision tubes in the required field of application. Subsequent to the production of samples in small series and certification by the customer based on this, the contract was award to ETHEN ROHRE, who was facing

other competitors. According to the statement made by the project responsible on the customer's side, a decisive criterion was the close personal consultation through production and business management: "ETHEN ROHRE turned out to be exactly what we had hoped for: a quality-oriented, medium-sized company open to technology."

ETHEN-GUARANTEE

In the course of the project numerous further process developments were achieved together with the customer – from material assessment over standard clarification to production documentation and acceptance reports on site. A novelty at such kind of tube drawing is the special quality assurance agreement also applied in this case. This so-called Ethen-guarantee by far exceeds usual standards and gives the customer additional security, to maintain best possible quality.

"A project that once again showed us how important it is, to be able to produce small series as well as individual dimensions on self-developed machines. This infrastructure advantage paired with our experience in processing special materials has brought us this highly exciting project", says Tobias Kirch, managing partner.

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