

BUTTING welders in the Orient

The expertise of our employees, especially in the field of welding technology, is of major importance for the quality and long life of the products we manufacture. This of course applies not only to the everyday welding tasks in our plants, but also to the field installation welding that we undertake on the spot.

Recently two BUTTING employees faced a particularly exciting challenge of this kind: They travelled and spent several weeks in the East for a project in Saudi-Arabia, to support our customer on the spot with their welding expertise.



The site of the project is Jubail, a town in the east of Saudi Arabia, on the Persian Gulf. Here in 2005 the Saudi Arabian firm Saudi International Petrochemical Company, SIPCHEM for short, decided to construct an acetyl plant.

BUTTING received a follow-up order – in 2007 we had already supplied 390 t of pipes made of 316L in sizes from 3" up to 42" through an intermediary for the project – to supply a complete material package: A total of around 180 t of pipes, elbows, tees, reducers, flanges and weldolets in materials AL 6-XN and alloy C276 in a wide range of sizes from 0.5" Sch 80 (21.34 x 3.73 mm) up to 36" Sch 10 (914.4 x 12.7 mm) were produced by BUTTING. The entire prefabrication of that material was also performed by BUTTING. From July 2008, one container a week was sent on its way to the far-off East.

An important prerequisite for the success of the project was the qualification held by 30 welders in Knesebeck and 15 based locally in Jubail, who were to install the prefabricated parts on the construction site. For this purpose, two competent young BUTTING employees were sent out to Saudi Arabia to train the welders there. For several weeks they supported our customer on the spot with their knowledge of welding.

Their special responsibility was to train the Indian and Pakistani TIG welders, who were trained up specifically so that they could finish our shaped parts made from the nickel-based alloy, C276.

After the training sessions, the two BUTTING welders supervised installation on the spot and provided assistance.

The installation work in Jubail will probably last till mid-2009, then it is hoped to put the plant into service. We at BUTTING are happy to have dealt with this different sort of task, and look forward with expectation to similar new challenges in the future.

BUTTING – Progress by Tradition