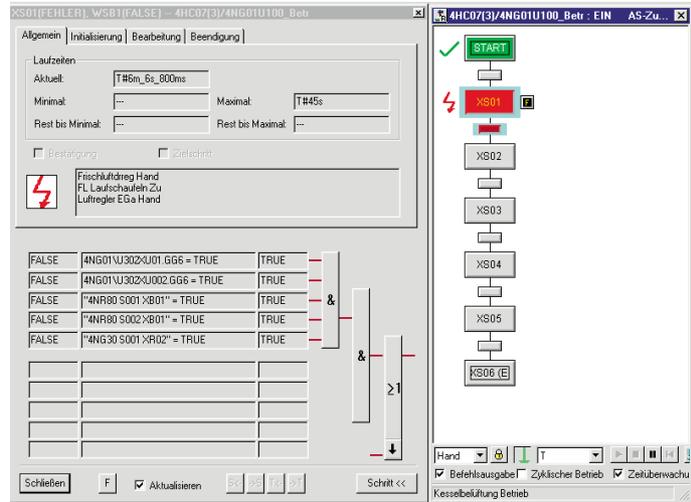


In politics and everyday life there are various methods of solving difficult and urgent tasks: either you rush at it in a flurry of activity or you solve the problem intelligently and with foresight. The second approach should be considered when the sensitive technology of a power plant is to be brought up to scratch.

KRIKO GmbH has long been established as a major supplier and fitter of EMSRT with its innovative solutions in industrial power plant technology. The latest power plant project is now being implemented together with Stuttgart

naces. The steel production process creates "blast furnace gas" which is normally burned off. The steelworks want to optimize and expand the blast furnace process by August 2001, which means that in future more blast furnace gas will be produced with an even greater calorific value. In order to utilize the energy in this gas, the power plant is being converted to run



# Full steam ahead

*KRIKO Engineering GmbH undertook the conversion of a furnace of a power plant for steel production with a new controller*

company Alstom Power Boiler GmbH. The task is to convert the furnace of a power plant for the steelworks in Bremen, which will include a new Siemens control system.

**PCS 7H in use for the first time**

The power plant is located on the grounds of the Bremen steelworks, in which steel is produced in blast fur-

on a mixture of blast furnace gas and natural gas.

For the first time a solution using the high-availability Siemens PCS 7H control system, together with the high-availability and fail-safe HIMA-burner controller H51qHRS, has been selected for a power plant with a steam generator output of 750 tonnes/hour and power generation of 240 MW. To do this the EMSR technology, which is only six years old, has been replaced by the new Siemens controller. The advan-

tages are obvious: integration of the system with a common database and integrated graphs, as well as alarm processing.

The many years of experience of KRIKO GmbH in the field of power plant construction have paid off once again.

**On-screen operation**

The successful result of this project implementation is that the operator control and monitoring of the instrumentation and control system has been converted to exclusively monitor-based operation.

**Services:**  
Planning, consulting, execution, power engineering and automation, environmental technology, building systems, process engineering, drives.

**Branches:**  
Power supply, environmental engineering, process engineering, drive technology, building systems

**Founded:** 1989  
**Employees:** 25

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