

Infraserv Höchst - Substitute fuel combustion plant (SFCP)

LOCATION: Höchst, Germany

SYSTEM/TECHNOLOGY: 800xA AC800M

SERVICES: Commissioning, Project management, Basic-engineering and pre-engineering, Detail engineering, Maintenance

INDUSTRY BRANCH/TYPE OF PLANT: Waste incineration systems, Power Generation

CLIENT: T2C / Infraserv Höchst

Project description

In 2009, a substitute fuel combustion plant (SFCP) was built on the premises of Höchst. It consists of three boiler lines, which operate according to the fluidized bed process, and a connected steam turbine.

INP Deutschland GmbH was involved in various projects over the entire period. The first project was the initial commissioning of the newly built plant. INP was involved in the jobs of all process areas with the exception of the turbine plant section.

After a successful startup, INP continued to be responsible for the control technology support of the 800xA system. This included the following tasks: Maintenance of the system, programming and commissioning of changes to the system upon customer request. During this time, Infraserv was also assisted by INP in the development of concepts for the conversion of all three boiler lines with flue gas recirculation to optimize the combustion process.

Together with ABB, INP was eventually commissioned to implement and operate the process control conversion for the recirculation of the flue gas. Furthermore, INP was responsible for the coordination of all subcontractors (such as suppliers for fabric filters, frequency converters, motors and assembly) or assisted Infraserv with this coordination.

Even after this extensive conversion, INP continued to provide service and maintenance regarding the same tasks mentioned above. In addition to the day-to-day business activities of the company, there were various small projects, such as the conversion of the steam reduction stations and the connection of the plant to the secondary control power.

POINTS OF CONTACT



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