INP Reference

Rothensee – Waste Incineration Plant

LOCATION: Magdeburg, Germany (Saxony-Anhalt)

SYSTEM/TECHNOLOGY: ABB Symphony

SERVICES: Commissioning, Project management, Site management, Documentation, Detail engineering, Installation supervision

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

CLIENT: ABB

PROJECT SIZE: EUR 800,000 (turn key)

POINTS OF CONTACT



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Tasks

mhkw Rothensee GmbH, a joint venture of the Städtischen Werke Magdeburg GmbH (municipal utility company) and E.ON Kraftwerke GmbH, constructed a new waste-fueled power plant with electrical and controls systems from ABB.

Project description

The waste-fueled power plant is intended to burn non-recyclable trash from residential and industrial waste. The plant is laid out for a waste quantity of 300,000 tons annually, and has a capacity of 40 tons/hour with gross power generation of 32 MW.

INP Services

- Engineering of power plant control systems
- Engineering of boiler protection with Honeywell protection technology
- Software programming using the Composer engineering system
- Generation of wiring and cable routing documentation
- FT/FAT at in-house test facility
- Independent commissioning of controls systems
- Independent test operation