Case Study
ABB Service GmbH
Industriepark
Bobingen

Internationale Fachmesse
für industrielle Instandhaltung

M,O,C, München
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International Trade Fair for
Industrial Maintenance

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Ensuring plant repair and maintenance, energy supply and infrastructure availability for entire "Industriepark Bobingen"

Sectors

1. **Maintenance services/Maintenance management for plants and machinery**
2. **Measuring and monitoring technology/Inspection equipment**
3. **Maintenance/Maintenance supplies/Tribology**
4. **Repair/Technology/Technical parts**
5. **Cleaning**
6. **Workshop supplies/Workshop equipment**
7. **Education/Training**

Industry **Polymers (plastic fibers)**

Brief description:

- Perform all supply, infrastructure, repair and maintenance activities for four polymer manufacturing/processing operations at "Industriepark Bobingen"
- Project coordination, manufacture, construction, cleaning, repair and maintenance of apparatus, machines, lines and other systems
- Education and training in the field of maintenance for all four operations

Tasks

To ensure the availability of all plants and machinery, the supply and disposal of utilities and to maintain the entire infrastructure at "Industriepark Bobingen" (near Augsburg) for four chemical fiber manufacturers, i.e. Trevira GmbH, Invista GmbH & Co. KG, Johns Manville GmbH and Teijin Monofilament Germany GmbH.

Preparation

To guarantee a fully functional infrastructure at "Industriepark Bobingen", in the year 1999 responsibility for all infrastructure services was turned over to ABB Service GmbH Bobingen, which was founded solely for this purpose. ABB hired 180 employees from the former Hoechst plant. As part of the takeover agreement, the company also took over responsibility for all maintenance and manufacturing tasks as well as the operation of systems for generating and distributing power. That same year ABB also introduced an integrated management system.

Guaranteed plant availability with comprehensive maintenance and utility services from a single source

When the Hoechst Group was split in 1999, the 71 hectare plant in Bobingen was turned into an industrial park. The park's current occupants still specialize in the manufacture of polyester fibers for use in clothing and upholstery fabric, car-seat covers, safety belts, tents, filters and roofing felt. In contrast to the Hoechst era, business is conducted by four companies that are separate entities legally: Trevira, Invista, Johns Manville and Teijin. Although they each specialize in different areas, all four companies depend on the infrastructure at the industrial park – which includes the energy supply, repair and maintenance – being fully functional. All of the services needed to do so were turned over to **ABB Service GmbH Bobingen**.

ABB's objective is to provide a comprehensive package of services that help to cut costs in daily operation and increase productivity at the same time. Because a portion of the savings flows back to the service provider, keeping the plants in excellent operating condition is definitely in ABB's interest. After working together for three years, Christian Klöss, Production Manager at Johns Manville, is convinced that this concept works: "ABB not only has a great deal of special expertise in maintenance and repair work. It is also extremely flexible and fast." He explains that ABB has acquired some profound process know-how. ABB

provides all services to all four companies from a single source. They range from servicing production and infrastructure systems and providing and distributing electricity, heat, steam and compressed air to maintaining supplies of coolant and water for fighting fires, operating pipeline bridges, streets and sewers and modifying and expanding production facilities. ABB also takes care of in-plant transport, runs the industrial park's fire department and security force and conducts technical training at the industrial park for companies that are located elsewhere.

Benefits

- Maintenance and infrastructure services from a single source.
- Outsourcing concept for all four companies minimizes costs and keeps them transparent
- High degree of flexibility and system availability due to centralized process and quality management
- Contractor has its own resources on location, which ensures reliable, stable conditions for production

Customer

1. Invista GmbH & Co. KG, German subsidiary of Invista, a global producer of polymers, belongs to the US conglomerate Koch Industries Inc.
2. Johns Manville GmbH, a manufacturer of polyester insulating materials, mem branes, mats and fibers, belongs to the American Berkshire Hathaway Group.
3. Teijin Monofilament Germany GmbH is a polyester fiber manufacturer and a member of the Japanese Teijin Group.
4. Trevira GmbH is a subsidiary of India's Reliance Industries Ltd. and produces polyester fibers for the textile industry.

Internet: http://www.kosa.com/german
http://www.jm.com
http://www.teijinmonofil.com
http://www.trevira.de

Contractor

ABB Service GmbH Bobing is a company with 186 employees and annual sales of some 27 million euros. It belongs to ABB Asea Brown Boveri Ltd., a group of companies in the energy and automation technology sector. ABB Service GmbH Bobingen provides services in the following areas: Production-facility maintenance, modification, expansion and optimization of plants and buildings, special machine and tool manufacturing, mechanical and electrical component manufacturing, project management and engineering, operating utility supply and disposal systems, managing energy supply contracts and education and training for these sectors.

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Maintain 2005

Munich International Trade Fairs celebrated the premiere of MAINTAIN, the International Trade Fair for Industrial Maintenance at the M,O,C, Event Center, from October 18 – 20, 2005. MAINTAIN is the only exhibition in Germany that provides experts and decision-makers in the processing and manufacturing industries with non-sector-specific information about modern solutions for the inspection, repair and maintenance of industrial plants and machinery. Thanks to practice-oriented reference projects, optimum market proximity is guaranteed. The fair examines the topic of industrial maintenance as a core competency and a factor of production. The exhibition is rounded out by forums and an up-to-date Internet platform.

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