

GROSSKRAFTWERK MANNHEIM AG

Konecranes inspects and services nearly 260 crane systems and hoists at Grosskraftwerk Mannheim AG with efficiency and flexibility thanks to the customer portal, yourKONECRANES.com.

ABOUT GROSSKRAFTWERK MANNHEIM AG

Grosskraftwerk Mannheim AG (GKM) operates the largest energy generation site in the German federal state of Baden-Württemberg. The company and its staff supply electricity to around 2.5 million people and trade and industrial customers, and district heating to 120,000 households. The Block 9 coal-fired power station – one of the most efficient in the world – went on stream in 2015.

INITIAL SITUATION

Lifting and transport operations at the power station are covered by about 260 cranes and hoists, from a simple wire rope hoist to the turbine hall crane with a working load of 300 tons. Equipment was installed by Konecranes in Block 9 to carry the heavy turbine components during maintenance. All of this lifting equipment must be serviced and inspected as required by the German UVV accident prevention regulations.

REQUIREMENTS

From scheduling and maintenance to inspections, documentation and servicing, and with so many crane systems produced by different manufacturers, clarity in scheduling and documentation is essential. To maximize uptime for the cranes and hoists in the tightly-scheduled power generation processes, maintenance work must be carried out flexibly and at short notice.

CONCEPT

Konecranes and GKM schedule the service dates for every crane and hoist at the start of the year. It takes two Konecranes experts around three months to inspect them all. GKM also has access to the cloud-based customer portal yourKONECRANES.com. Here they can view a clear summary of the latest data and inspection reports for all 260 assets and track the status of current maintenance work online in the service calendar – whenever and wherever.

SOLUTION

With the information on yourKONECRANES.com, Konecranes experts have all the asset information they need on hand – making for faster and more efficient maintenance operations. The information on the customer portal is updated with every crane and hoist inspected, so GKM has easy access to their service information for their lifting equipment making their operations transparent to them anytime, anywhere, with any device. To simplify planning of corrective maintenance, equipment is also assessed according to priority.



CUSTOMER BENEFITS

The yourKONECRANES.com customer portal shows a summary of the status of every crane and hoist – meaning that GKM always knows the exact condition of every asset. Because the individual assets are assigned to one of the four units in the power station on yourKONECRANES.com, the responsible heads of department receive notifications quickly and repair jobs can be initiated rapidly.

AND WHAT DOES GROSSKRAFTWERK MANNHEIM SAY?

“Our four generation units supply power to the booming Rhine-Neckar metropolitan region. The processes that keep our power stations running efficiently are complex. The reliability of our cranes and hoists is particularly important here. The experts from Konecranes give us the benefit of their experience so that our equipment is available around the clock. And yourKONECRANES.com gives us an excellent overview of all our cranes and hoists online.”



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Maintenance

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Konecranes – Lifting Businesses™

Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. The Group has 18,000 employees at 600 locations in 50 countries. Konecranes class A shares are listed on the Nasdaq Helsinki (symbol: KCR).