



A Southern Manufacturing Company EQUIPMENT BREAKDOWNS DECREASED BY 60% WITH PROPER MAINTENANCE

CHALLENGE

Four to six breakdowns per week

A Southern manufacturing company develops specialized equipment for the oil and gas industry. Each of their 16 25-ton overhead cranes is essential to meeting the high production needs of the facility. The company that had been servicing their cranes tended to focus on problems after they occurred, rather than working to prevent them. As a result, the cranes had an average of 4-6 breakdowns per week. When the Southern manufacturing company noticed that their cranes were experiencing the same type of breakdown repeatedly, they began to look for a new company to service and maintain their equipment.



SOLUTION

MAINMAN® inspections and preventive maintenance

The Southern manufacturing company contacted Konecranes after one of their critical cranes experienced a breakdown during off-peak hours over a weekend. A Konecranes emergency response team was dispatched immediately upon being contacted. After successfully completing the repair, Konecranes proposed an annual inspection contract for each of their cranes using the MAINMAN® inspection program. MAINMAN® is an active

preventive maintenance program that uses a multi-point visual inspection to capture data on the condition of over 225 crane components. The data is then used to create a customized plan for scheduled maintenance and repairs. Konecranes currently conducts annual MAINMAN® inspections at the facility and completes scheduled preventive maintenance repairs as needed.



RESULTS

Breakdowns decreased by 60%, overall decreased costs

Since Konecranes began conducting preventive and planned maintenance two years ago, equipment breakdowns at the facility have decreased by over 60%. As a direct result of the MAINMAN® inspection program, maintenance spending and downtime expenses have been dramatically reduced.



INDUSTRIAL CRANES: Konecranes is the industry benchmark for safety, reliability, cost saving and productivity-enhancing innovation. Standard and heavy duty cranes include electric overhead cranes up to 1,000+ tons and explosion-proof cranes and components. Workstation lifting systems feature enhanced material flow with ceiling-mounted monorails and free standing cranes systems, jib cranes and manual lifting products and electric chain hoist up to 7500 kg. Konecranes provides any lifting application in any industry.



NUCLEAR CRANES: With nearly a half century of nuclear crane experience Konecranes is the most seasoned supplier in the industry. Our wide range of products are designed specifically for operation in nuclear applications and our quality control program ensures that each nuclear crane and component is designed, manufactured and installed to the demanding standards of the nuclear industry.



PORT AND PORTAL CRANES & SERVICE: Konecranes designs, manufactures, and delivers large cranes for ports, container terminals, intermodal terminals, shipyards and bulk material handling. We also provide expert maintenance and after-sale support as well as complete crane service worldwide for all types and makes of harbor and shipyard cranes.



HEAVY-DUTY LIFT TRUCKS: Konecranes is a world-leading manufacturer of lift trucks with lifting capacities of 10 to 80 tons. For over 50 years Konecranes has designed and customized trucks for the most demanding applications and continues to offer a wide range of trucks for customers in many different industries. Products include fork lifts, reach stackers, container handlers, and Roll-on Roll-off (RoRo) Trucks.



CRANE SERVICE: Konecranes provides an extensive range of services and unique capabilities dedicated to improving safety and helping your business decrease the cost of downtime and increase the productivity of uptime. We can service any brand of crane and hoist. As a leading global manufacturer with a 120-year history and the leading maintenance provider in the Americas and around the globe, Konecranes technicians understand what it takes to keep your equipment working at top performance.



MACHINE TOOL SERVICE: As a global leader in machine tool maintenance service, Konecranes offers world-class service on all makes and models of machine tool equipment. From maintenance programs to rebuild, remanufacture and retrofit, we have the knowledge and expertise required to keep your equipment running effectively and efficiently.



PARTS: Konecranes is the OEM for many of the best known brands of hoists and cranes as well as the largest single source supplier for parts of all makes. We have the most extensive inventory in the industry, as well as dedicated in-house parts manufacturing and extensive reverse engineering services to assist you with obsolete and/or not readily available parts. Our expert technicians are always available to help with field installation and support.



TRAINING: One of the easiest and most cost effective ways to improve safety and productivity while reducing maintenance costs is crane operator training. We can provide on-site training that is tailored to your needs, budget and schedule. In addition you will improve employee morale, generate good will and may reduce liability. We also offer courses at our Training Institutes in Milwaukee and Los Angeles as well as regional seminars in 40 cities per year.