

CONSULTATION SERVICES

# Crane Reliability Study





## Are your cranes fit for the future?

Rising maintenance costs. Challenges to meet current production needs. Safety concerns. These are problems you face every day as a crane owner in a changing operating environment.

Konecranes Crane Reliability Study (CRS) provides accurate information detailing the current condition and future needs of your crane.

CRS can help guide your maintenance and modernization decisions. It also provides information to increase the safety and productivity of your crane.

### A thorough process with tangible benefits

#### INFO GATHERING AND OBSERVATION

A team of trained Konecranes specialists observes the production and the operating environment of the crane.

#### DETAILED INSPECTION

The overall condition of crane structures and components is evaluated in detail with focus on safety, productivity, reliability, usability and remaining design life.

#### INTERVIEWS AND DOCUMENTATION

Operators and maintenance personnel are interviewed and all pertinent documentation is reviewed.

#### EXPERT REPORT AND CONSULTATION

The team provides a detailed report and further consultation with advice on maintenance, modernizations, and future investments.

# Crane Reliability Study delivers the answers

The Crane Reliability Study is an engineering assessment that studies the current condition of your crane and provides a theoretical estimate of its remaining design life.

The study looks at structures, mechanical components and control systems, and highlights possible maintenance, replacement and modernization needs.

The CRS is performed by a team of trained and experienced Konecranes specialists who provide a comprehensive report and expert consultation with a plan for the current and future use of the lifting equipment.

The Crane Reliability Study is a valuable tool when dealing with an aging crane fleet, changes in production, safety issues, and other possible concerns.

### BENEFITS

- Provides information for planning the future of lifting operations based on an extensive crane study
- Provides an accurate picture of the current condition of the lifting equipment
- Delivers an estimate of the remaining design life, based on equipment classification and utilization history
- Provides an easily interpreted review of the condition of the crane
- Can enhance safety by detecting issues before they become critical problems
- Provides information that can be used to choose between an equipment modernization or replacement



**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. In 2017, Group sales totaled EUR 3,136 million. The Group has over 16,000 employees at 600 locations in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).**

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about the Crane  
Reliability Study**

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