

TAKE A DEEPER LOOK AT YOUR CRANE

Consultation Services

Sometimes a more detailed evaluation is necessary than can be performed during regular inspections and preventive maintenance. Our Consultation Services meet this need with advanced technology and trained specialists when a deeper look at your crane and its components is required.

CRANE

Rising maintenance costs, challenges to meet current production needs and safety concerns are all problems you face every day as a crane owner. A Crane Reliability Study can guide your maintenance and modernization decisions and provide information to increase the safety and productivity of your crane.

CONSULTATION SERVICE
Crane Reliability Study

STEEL STRUCTURES

Steel structures are subjected to fatigue as loads are lifted, and as fatigue life ends, safety can be compromised.

CONSULTATION SERVICE
Steel Structure Analysis

WIRE ROPE

Target individual concerns such as rope selection, rope life, component failures, unexpected rope behavior, accident investigation or improvement opportunities.

CONSULTATION SERVICE
Rope Analysis

CRANE HOOK

The bottom block assembly on a crane is made of many critical components that are subjected to loads and stresses during each hoisting cycle. While hook failure can occur due to overloading or mechanical abuse of the hook, cumulative fatigue should be a main cause of concern.

CONSULTATION SERVICE
Hook Analysis

WHEELS AND GUIDE ROLLERS

Do your cranes suffer from premature wheel wear, rail wear, structural component failures or machinery failures? All of these are common results of incorrect crane geometry.

CONSULTATION SERVICE
CraneQ™ Crane Geometric Survey

RUNWAY

Crane runway condition and rail alignment play a critical role in the overall performance of a crane. Improper rail alignment contributes to premature wear of wheels and rails.

CONSULTATION SERVICE
RailQ™ Crane Runway Survey

