

Structural Inspection Program



Bulletin no. 13423
New: Sept. 16, 2002
Rev. A

TOTAL LIFE CYCLE CARE
offers total company commitment to providing complete care throughout the lifespan of a product — from the design and engineering of original equipment to replacement parts, repair, inspection, maintenance, and modernization services.



Total Life Cycle Care came from your keen desire to improve overall efficiency, up-time and performance of your equipment.

ENGINEERING SERVICES

- Qualified structural engineering staff
- Experienced with crane applications
- Inspections recommended every 3 to 5 years or after any type of shock loading or overloading occurs.
- More frequent inspections for older cranes
- Duty cycle/Life cycle analysis
- Failure analysis
- Don't wait for a failure to occur!



PROGRAM OUTLINE

- Preliminary review of the crane data and engineering
- Site inspection trip
- Typically 1-2 days per crane
- Observe in service
- Detailed inspection of hot spots
- NDT requested when needed
- Report submitted

REPORT CONTENT

- Results of visual inspection
- Recommendation for further testing where indicated
- Photos
- Repair procedures for problem areas found
- Other recommended actions such as materials, additional engineering, modernizations and services.



TECHNICAL DATA SHEET
Structural Inspection Program
P&H/Morris Cranes



For further details contact

Morris Material Handling
Phone 800-933-2313
www.morriscranes.com

Girder Splice Bolt Replacement



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Girder Splice Bolts

- Be sure to get a bolt replacement procedure from P&H prior to replacing girder splice bolts.
- Generally, if one bolt breaks, the adjacent bolts absorb higher stress and should also be suspect.



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