



Future Fatigue in Rotor Structure

Bauxite Unloader Study

Two bauxite unloaders of identical design have been operating for over 50 years. The operator wished to continue operations for another 15 years.

Liftech analyzed the crane structure to assess the fatigue life for continued operations. The study showed that the crane structure can perform reliably for another 15 years with repair and strengthening of some members and implementation of a structural maintenance program.

Reference:
Hoist & Crane Service Group
Charlotte, North Carolina