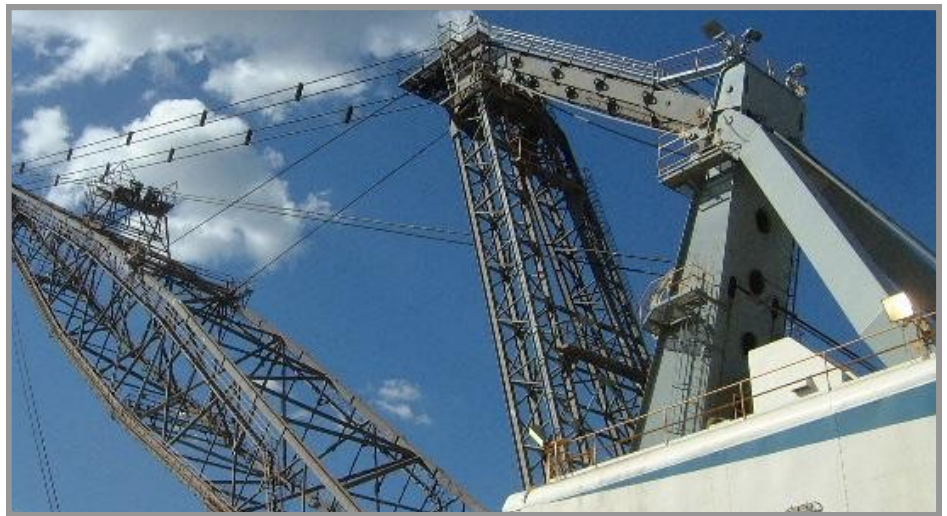


2012



Centre of Gravity Measurement Draglines and Excavators

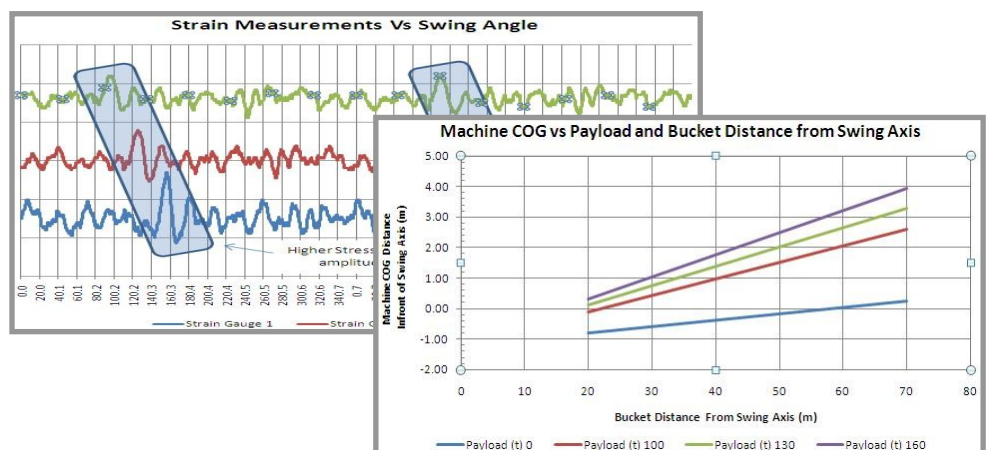


Service
Brochure

Minesites recognize the importance of knowing the position of the Centre of Gravity (COG) of draglines, excavators and other large dynamic structures. This knowledge can be used to assist in reducing machine maintenance and in resolving damage and potential damage issues.

LC Engineering is able to accurately determine the COG of such plant. Typically, a number of data acquisition measurement systems are used, either of which could be used to determine the COG. This provides a high level of accuracy and ability to cross check the results. On a dragline for example, these systems could be installed on the tub diaphragm, the propel mechanism, and the swing shafts.

LC can determine the dynamic movement of the COG under all operational conditions of dynamic machines providing comprehensive feedback, reports and recommendations where required.



For more information
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