

## Ican Report

#### Ican Report for the safe operation of crane

No.8 Eng.
Date September2016

It is imperative to carry out brake maintenance periodically. A lack of regular maintenance can lead to serious accidents the worst of which is lost of braking control leading to catastrophe of a runaway crane or tragic falling cargo accidents. Neglecting maintenance will lead to accidents and costly repairs. Regular maintenance ensures that machines continue to run smoothly and it gives an opportunity to detect and troubleshoot malfunctions before accidents occur.

Brakes have a number of moving parts and performing routine preventive maintenance helps to insure correct and smooth performance. Brakes are vital safety devices. Once every 4 years, at a minimum, brake units are recommended to be completely overhauled at a factory certified service center. By swapping a loaner brake unit during this overhaul period, there is no loss of operating time of the crane. Singapore's PSA is great example, due to the fact that scheduled maintenance, overhaul and upgrades, have contributed to its continued stable non-stop operation.



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