



ALL APPROVED PERSONS

LOAD TESTING OF CRANES

You are hereby required to carrying out load tests on cranes based on the following requirements:

Maximum Safe Working Load (SWL) of Lifting Machine	Test Load Required on Lifting Machine
100 tons and below	125% of the SWL
Above 100 tons but not more than 500 tons	110% of the SWL
500 tons and above	100% of SWL

2. You are to inform the crane owner of the SWL of the crane you had approved after the load test. This will allow the crane owner to be aware that his crane can only be rated with a SWL corresponding to the weight of the test load used during the load testing.

3. You shall also verify and confirm if the original load chart is applicable to the SWL as confirmed by the load test of the crane. When a crane is tested and given a reduced SWL, please inform the owner that the crane's original load chart will no longer apply. A new load chart (eg. Modifying the existing load chart based on test load) for the "new" SWL shall be provided by you to the owner to replace the previous load chart. You shall also ensure that the load radius indicator is correspondingly re-programmed for the new SWL of the crane.

4. Should you encounter any crane installed with moment indicators, you are requested to advise the occupier/crane owner to replace the moment indicator with an accurate load radius indicator. You are reminded that you are not to approve any crane for use if the crane has not been installed with an accurate load radius indicator.

Yours faithfully,

TAN GEOK LENG

for CHIEF INSPECTOR OF FACTORIES

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