

Title: Failure of Floor Cranes During Load Testing/Remove From Service

Target Audience: Personnel who Supervise, Operate, or Work with Floor Cranes



- Navy Activities have reported at least four recent instances of structural failure occurring during 125 percent load testing of **2 ton portable floor cranes (engine lifts)**. This tool is commonly used in auto repair shops as well as industrial machine shops.
- As a result of these failures, Navy Crane Center has directed (via Crane Safety Advisory (CSA) 205) that **all two-ton floor cranes manufactured by Walter Meier Manufacturing and Shin Fu Company of America be removed from use immediately**. These include 2-ton floor cranes sold under the following trade names:
 - **Jet - Model “JHC-200X” and “JFHC-200X”**
 - **Omega Lift Equipment – Model “44020”**
 - **MAC Tools Inc. – Model “EC3000”**
 - **Matco Tools – Model “MEC2T”**
 - **Pro-Lift – Model “T-1481”**
- These floor cranes shall remain out of service until a solution to the repeated structural failures can be obtained. At this time, no other 2-ton floor crane models are affected. NAVCRANECEN will revise CSA 205 as additional information becomes available.
- Activities shall notify NAVCRANECEN (NFSH_NCC_INSERTSERVICE_ENGINEERING@NAVY.MIL) of the Manufacturer/Distributor and model/serial number for each portable floor crane removed from service.

SAFETY