ABSTRACTS

Analysys of Lifting Test Container Owned At PT. Patra Supplies & Services

Container is an invaluable tool to package a product so it looks practical and safe to transport. In the transport containers are generally assisted by a crane through the ropes or steel slings. Steel strap or sling is attached to the ends of the container and then removed and placed on a truck-trailer truck or container ship. But before the container must meet the full they can be used as appropriate, to limit the ability of transport means, thus requiring a load test.

Tests on container owned by PT. Patra Supplies & Services uses a device called a load strainstall Shackle, where the tool can detect how much weight the container being tested. Beginning of the test was started by weighing the empty container with tools strainstall, where the weight of these containers can be detected through the indicator. Container with a length of 10 feet which has a target tested SWL (Safe Working Load) of 3 tons, which means the container can work safely with the maximum load of 3 tons. To find the desired lift capacity, then the filled container fitted with a load of concrete that included three stones in it.

With the analysis of this load test, obtained a new value reaches about 5.5 ton SWL, which means that value has gone through a targeted value of SWL 3 tons, so that the container belongs to PT. Patra Supplies & Services have nothing to lose 2.5 tons. Load test is very suitable imposed on all companies engaged in the field of perkontaineran order to maintain the quality of the goods during shipment. Thus the losses that are unwanted can be minimized so as to supplement their income.

Key word: load test, container, Safe Working Load