



Lifeboat Testing

Water Weights lifeboat proof load testing systems have been specifically designed to meet regulatory requirements for an evenly distributed load. Our remote system allows Proof Load Testing to be conducted safely, without the need for personnel to enter the craft.

- Water Weights lifeboat bags allow ease of handling and transportation compared with solid weights or traditional sand bags, especially in totally enclosed lifeboats.
- Controlled loading, unloading and minimal handling of the test load to achieve a wide range of capacities, results in minimum downtime of equipment during test.
- Loading is measured by means of a calibrated flowmeter.



Remote System

A control manifold and pumping system are used to remotely fill the lifeboat bags negating the need for personnel to be in the craft undergoing test. This system also remotely removes the test overload in instances where the winching system cannot recover the craft in its proof load condition. The bags are rated $\pm 1\%$ of load when filled. Gradual application of load under test conditions is essential. This is more easily achieved using Water Weights than traditional solid weights.

Safety of Life at Sea (SOLAS)

SOLAS requirements Chapter III, for life saving appliances, details the testing procedures. Water Weights bags also comply fully with the Maritime and Coastguard Agency (MCA) regulations and US Coastguard requirements.