

Water Weights for Power Plant Cranes



Water Weights is extensively used for the proof load testing of cranes in power and water generation facilities worldwide for a better part of three decades. **Our safety record testing powerhouse cranes is unmatched by traditional methods.**

During testing of cranes, a significant part of the budget and time is spent transporting and staging test weights to and from the site.

Our equipment weighs a fraction of the rated load (approx 1.5%) resulting in savings in both time, and labor during transportation and handling of the test weights.

Also of note, is the important issue of minimal floor loading during the whole process. Testing with traditional methods in the past (especially in the heavy ranges above 100 tons) required reinforcing turbine deck structures to handle the fully laden solid weights.

In addition, gradual application of load during testing creates a controlled environment, essential in avoiding accidents and damage to equipment under test.

Controlled loading and minimal handling to achieve a wide variety of loads (% of SWL) equate to minimum down time for equipment under test.

All Water Weights bags have a designed factor of safety in excess of 6:1, and each bag is physically proof load tested to a minimum of twice it's rated capacity before being placed into service.

