



INDUSTRY APPLICATION

# Construction Hoist & Elevator Load Testing



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## Product Details

**The use of water weights for proof load testing bags produce significant savings when certifying construction hoists, loading ramps, and elevator systems.**

During testing the hoist car is loaded with its specified payload, raised up the mast a specified height and released. The emergency braking system then engages and stops the car.

Traditionally tested using solid weights, the process is very cumbersome requiring the use of ancillary lifting equipment for hauling and staging the weights for testing.

With Water Weights, the amount of water supplied to the bag is **controlled from a manifold assembly running through a certified flow meter to achieve a variety of weights without having to load and unload the equipment under test.**

The bags when empty are packaged to a very light and small size. No support lifting equipment is required shaving a significant part of the cost, time, and labor when transporting and testing.

After the test, the bag is simply drained using a pump and the water channeled to wherever required.

Water Weights, the originators of the water bag, provide specialist proof load testing solutions for cranes, general lifting equipment and structures. Our core commitment is to provide load testing products and services to the highest standards.



E. [buoyancyballast@uniquegroup.com](mailto:buoyancyballast@uniquegroup.com)  
W. [www.uniquegroup.com](http://www.uniquegroup.com)



Local presence  
worldwide

### UNIQUE GROUP OFFICES

#### MIDDLE EAST

##### UAE

Unique Group FZC  
Sharjah  
T. +971 6 5130333  
E. uaesales@uniquegroup.com

##### QATAR

Unique System Tr & Eng WLL  
Doha  
T. +974 44147079  
E. qatarsales@uniquegroup.com

##### SAUDI ARABIA

Muraba Alshahra Trading LLC  
Riyadh and Al Khobar  
T. +966 13 802 0614  
E. ksasales@uniquegroup.com

#### ASIA PACIFIC

##### SINGAPORE

Unique System (SEA) Pte Ltd  
Singapore  
T. +65 6542 1800  
E. fareastsales@uniquegroup.com

##### INDIA

Unique Hydrographic Systems Pvt Ltd  
Navi Mumbai and Vadodara  
T. +91 22 27619939/40/41/75  
E. indiasales@uniquegroup.com

#### AUSTRALIA

##### PERTH

Unique Subsea Australia Pty Ltd  
Perth Airport Park  
T. +61 418 205 212  
E. aussales@uniquegroup.com

##### QUEENSLAND

Unique Subsea Australia Pty Ltd  
Pinkenba, Queensland  
T. +61 418 205 212  
E. aussales@uniquegroup.com

#### USA

##### CENTRAL

Unique System Inc  
Houston, Texas  
T. +1 713 937 6193  
E. usasales@uniquegroup.com

##### EAST COAST

Water Weights Inc  
Suwanee, Georgia  
T. +1 678 730 4180  
E. buoyancyballast@uniquegroup.com

##### WEST COAST

Water Weights Inc  
Montclair, California  
T. +1 909 626 8316  
E. buoyancyballast@uniquegroup.com

#### AFRICA

##### SOUTH AFRICA

Unique Hydra (Pty) Ltd  
Cape Town  
T. +27 21 835 7900  
E. sasales@uniquegroup.com

##### NIGERIA

Unique Charkin System Ltd  
Port Harcourt  
T. +234 908 5659444  
E. nigeriasales@uniquegroup.com

#### EUROPE

##### UK

Unique Seaflex Ltd  
Cowes, Isle of Wight  
T. +44 1983 290 525  
E. buoyancyballast@uniquegroup.com

##### Unique System (UK) Ltd

Water Weights Ltd  
Aberdeen, Scotland  
T. +44 1224 723 742  
E. uksales@uniquegroup.com

##### NETHERLANDS

Unique System BV  
T. +31 850 513 700  
Water Weights BV  
T. +31 850 513 750  
Werkendam  
E. info.wwnl@uniquegroup.com

Unique Group's Buoyancy & Ballast products are available for hire or purchase from more than 20 other worldwide locations via our network of independent partners. Please contact us for more details.