

Case Study

Team
Mayflower Cruise Terminal
Southampton
UK



Project Specifics:

The passenger boarding walkway at the Mayflower Cruise Terminal in Southampton required to be proof load tested before being taken into service. The load required to test the entire structure was 140 tonnes. Water Weights' engineers achieved this load using a combination of bags.

At one stage the test had to be halted as the brow of the walkway dropped during loading. The commissioning engineers adjusted the hydraulic rams to raise the brow to the original position and the test continued. This incident highlights the advantage of using water, rather than solid weights, as the load is applied gradually and the test can be stopped immediately at any time. The work was completed within a day to the satisfaction of the client.

Water Weights, Tern Place, Bridge of Don, Aberdeen AB23 8JX United Kingdom

Tel +44 (0)1224 820022 **Fax** +44 (0)1224 824808 **Web** www.waterweights.com

Water Weights, 7 Vanguard Road, Gapton Hall Industrial Estate, Great Yarmouth NR31 0NT United Kingdom

Tel +44 (0)1493 442591 **Fax** +44 (0)1493 442535 **Web** www.waterweights.com

Water Weights, Unit D7, Voyager Park, Portfield Road, Portsmouth PO3 5FN United Kingdom

Tel +44 (0)2392 655680 **Fax** +44 (0)2392 699813 **Web** www.waterweights.com

Water Weights Europe bv, Leeghwaterstraat 23a, 3364 AE Sliedrecht, The Netherlands

Tel +31 (0)184 430190 **Fax** +31 (0)184 421900 **Web** www.waterweights.nl

Water Weights Inc (East Coast), 470 Satellite Blvd, Suite K, SUWANEE GA 30024 United States of America

Tel +001 (678) 730 4180 **Fax** +001 (678) 730 4184 **Web** www.waterweightsinc.com

Water Weights Inc (West Coast), 5139 Brooks Street, Suite H, MONTCLAIR CA91763 United States of America

Tel +001 (909) 626 8316 **Fax** +001 (909) 626 8326 **Web** www.waterweightsinc.com