

**Client:** Royal Haskoning  
**Location:** Stena Line Terminal 3, Holyhead  
**Date:** July 2003

### Project Specifics:

Water Weights was tasked with load testing a passenger gangway to  $5\text{kN/m}^2$  under dynamic conditions.

Previous test on similar gangways had been conducted using sand bags or solid hand weights which had proved unsafe, time consuming and very labour intensive.

Two Water Weights engineers loaded the gangway with four 5 tonne flexitainers and three 8 tonne flexitainers - fully enclosed water filled bags which allow the load to be distributed evenly across the test area.

At 1300hrs the flexitainers were filled using a calibrated flowmeter, and by 2130hrs the dynamic load testing had been completed and all Water Weights equipment had been removed from site.

### Client Feedback:

Site manager for Royal Haskoning, Steve Hopper, was delighted with the way Water Weights handled the work, and had it completed so quickly and efficiently.



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