

## Case Study

### Avonmouth Docks Bristol Port UK



#### **Project Specifics:**

A few years ago there was only one crane and the Bristol Giant (a 160 tonne floating crane) - in Bristol Port that were tested using water bags.

Now between Avonmouth and Royal Portbury Docks, there are at least six container ship to shore cranes, a 40 tonne gantry and a 100 tonne mobile crane tested using Water Weights water bags.

One Water Weights Engineer used a pair of lifting beams 25 tonne each, 2 x 35 tonne water bags and two load cell shackles. The load applied was 44 tonnes, then the hook was attached to the crane and the load was taken to 55 tonnes (SWL 50 tonnes).

A quotation has now been requested by the client to calibrate three cranes in Portbury Docks. This will take approximately two days to complete.

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