

This Certificate is issued to Gantry Railing Limited, to certify that the undersigned Surveyor to this Society did, at their request attend at their Sudmeadow Road Works, Gloucester on the 14th June 1994, for the purpose of witnessing the testing of the undernoted equipment.

Gantry Railing Ltd Base Rail Clip
Type: 9116/10
Fastening: Bolt BS3692 1967 Grade 8.8
Nut BS3692 1967 Grade 8
Design Load: 40kN

The above noted Clip was subjected to a Lateral Load Test in accordance with Gantry Railing Limited In House Test Procedure based on the requirements of BS5950 Part 1, 1985 (page 10).

The Clip was bolted into the test rig simulating normal fixing with a Torque of 125NM.

The Clip was subjected to a preload test of 40kN for one minute duration as a preliminary bedding down load.

ACCEPTANCE TEST

A test load of 52kN (1.3 x design load) was applied in a lateral direction in gradual stages.

STRENGTH TEST

A test load of 64kN (1.6 x design load) was applied in a lateral direction in gradual stages.

FAILURE LOAD TEST

A test load of 80kN (2 x design load) was applied in a lateral direction in gradual stages. No failure occurred to the clip.

On completion of testing the Clip was visually examined. No sign of deformation or mechanical damage was evident.

The Gantry Railing Limited Test Report was reviewed, accepted and endorsed.

This Certificate does not imply approval by the Society of the design nor the intended use of the equipment tested.


Surveyor to Lloyd's Register.
R.A. Nuttall
LLOYD'S REGISTER OF SHIPPING
Bristol