

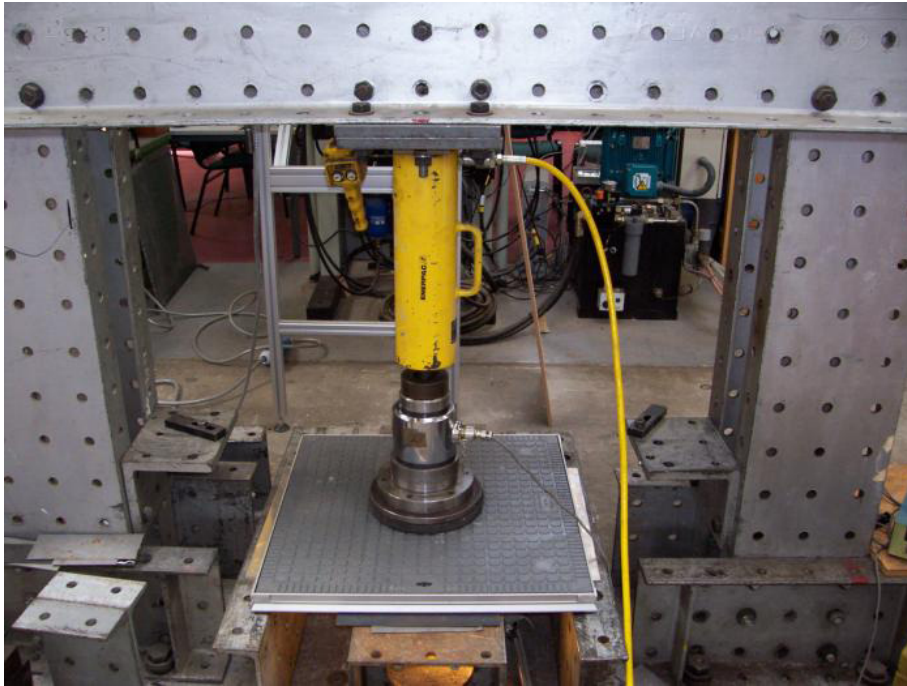
Testing Venue.

The test was completed by the Engineering Department, Faculty of Applied Sciences at Lancaster University.

All three tests were completed on 22nd January 2009.

Test Rig

The test rig consists of a 'giant mecano' frame bolted to the floor and supporting the Enerpac 50 tonne hydraulic cylinder.



Test

- The test was a simple load to failure in steps of 10kN.
- The load was applied to the cover through a 250mm diameter x 40mm thick steel block with a 250mm diameter x 1" rubber pad between the block and cover.
- The load was measured using a 1000kN load cell (serial no. 3243N) and digital load indicator (serial no. D.I.B.1).
- The deflection was measured at the centre on the underside of the cover using a dial indicator.

