

## Testing Datasheet No 7

### Pile Load Testing – Test Cap

#### General

Dimensions for the test cap should be agreed with the testing contractor prior to its construction. The test cap must be designed and constructed so that it;

- Is concentric with the centre of pile (with a stated allowable tolerance)
- Is able to safely transfer all the vertical and any other induced forces from the cap into the pile
- Comprises a continuous uniform section without any inclusions.

The design and/or the method statement should be made available to the Principal Contractor or Engineer upon request.

If not constructed integral with the pile then the ICE Specification for Piling and Embedded Retaining Walls requires concrete test cubes to be taken from the concrete used to cast the cap.

#### Dynamic Testing

Specifically for a dynamic load test the cap must also be designed to withstand bursting under impact.

#### *Disclaimer:*

*Although every effort has been made to check the accuracy of the information and validity of the guidance given in this document, neither the FPS or its members accept any responsibility for mis-statements contained herein or misunderstanding arising herefrom.*