



For laboratory use only

Collection Request No. (CRN) _____

Test Request No. (TRN) _____

TEST REQUEST FOR INSITU SOIL TESTING

(Please read guidance notes attached prior to completion of this form)

Account No. (if available) _____	Customer Test Request Ref. No. _____
(Please provide the following project information if account no. is not available)	
Customer (Works Dept/Office) _____	Contract No. _____
Job Title _____	Job No. _____
Work/Site Location _____	

Test requested (Select appropriate box)	Description of test	PWLTM No.
<input type="checkbox"/> Test No. 9.2.1 of GEO Report No. 36 (1994 Edition).	Determination of In-situ Bulk Density and In-situ Dry Density of soil by sand replacement method suitable for fine and medium grained soil (with small pouring cylinder).	SOL 8.1(a)
<input type="checkbox"/> Test Method 11.1 of Geospec 3.		GSP 11.1
<input type="checkbox"/> Test No. 9.2.2 of GEO Report No. 36 (1994 Edition).	Determination of In-situ Bulk Density and In-situ Dry Density of soil by sand replacement method suitable for fine-, medium- and coarse-grained soil (with large pouring cylinder).	SOL 8.1(b)
<input type="checkbox"/> Test Method 11.2 of Geospec 3.		GSP 11.2
<input type="checkbox"/> Appendix 6.3 of GS for Civil Engineering Works 1992.	Determination of In-situ Bulk Density and In-situ Dry Density of soil by Nuclear Density Gauge.	SOL 8.3
<input type="checkbox"/> Test Method 11.3 of Geospec 3.		GSP11.3
<input type="checkbox"/> BS1377:Part 9:1990 with modification.	Determination of in-situ California Bearing Ratio.	SOL 8.4
<input type="checkbox"/> Clause 6.68 / <input type="checkbox"/> Clause 9.44 of GS for Civil Engineering Works 1992.	Determination of Relative Compaction of fill or sub-base materials.	SOL 8.6
<input type="checkbox"/> Test Method 11.4 of Geospec3.		GSP 11.4
<input type="checkbox"/> Test No. <input type="checkbox"/> 4.3.3 A / <input type="checkbox"/> 4.3.3 B / <input type="checkbox"/> 4.3.4 A / <input type="checkbox"/> 4.3.4 B of GEO Report 36 (1994 Edition).	Additional Proctor Test, where appropriate.	SOL 4.1
<input type="checkbox"/> Test 13 of BS1377:1975 with modification.		SOL 4.2(b)
<input type="checkbox"/> Test Method <input type="checkbox"/> 10.1 / <input type="checkbox"/> 10.2 / <input type="checkbox"/> 10.3 / <input type="checkbox"/> 10.4 / <input type="checkbox"/> 10.5 / <input type="checkbox"/> 10.6 / <input type="checkbox"/> 10.7 / <input type="checkbox"/> 10.8 of Geospec 3.		GSP 10.1 to 10.8
<input type="checkbox"/> Others (Please specify) _____		

Sample Details:-

Sampling/Testing location⁽¹⁾ : _____

Location of borrow area of fill (if known)⁽²⁾ : _____

Location plan of test locations provided by customers (Plan reference no. : _____).

Test position No. ⁽³⁾	Grid references/Chainage	Level	Offset	Test location selected by ⁽⁷⁾ ⁽⁸⁾ (✓)		Additional information ⁽⁴⁾
				PWL	Customer	

Other information/requirement: -

Oven-drying temperature of sample shall be: 45±5°C / 105±5°C / Microwave Oven.

Test locations selected by the customer will be shown on site by⁽⁵⁾ :-

Test(s) requested by :-

Signature : _____
Name : _____
Post/Affiliation : _____
Tel./Fax no. : _____
Date : _____

Signature : _____
Name : _____
Post/Affiliation : _____
Tel./Fax no. : _____
Date : _____

Fill in the box below the name, telephone no., mailing and e-mail address to which the test report(s) should be sent or else remark "To be collected" in the box if the customer requests to collect the report(s) from the laboratory in person⁽⁶⁾.

<input type="checkbox"/> Preliminary results Fax No. <input style="width:100px;" type="text"/>	
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Guidance Notes for Completion of Request Form for Insitu Soil Testing

General Guidance

A separate form "Test Request for Insitu Soil Testing" should be completed for each sampling/testing location. Each form should be duly signed and dated. It is recommended that the request form be vetted and signed by a qualified professional engineer responsible for checking of compliance (preferably the Engineer's Representative for the Contract or equivalent). The customer shall ensure that the type and total nos. of the tests requested meet the contract requirements and the test samples/locations selected are representative of the works for testing. Where delivery of soil samples to the PWL is necessary, the samples shall be delivered or escorted by personnel of appropriate level, using a secure means, with clear indelible labels/markings on the samples for identification to ensure traceability.

Notes

- (1) State the specific locations of the sample collected/insitu tests and provide a drawing or figure in appropriate scale, delineating the extent of the works for testing with zoning, gridlines, chainage or landmark as reference for identification, e.g. samples taken from or tests to be carried out at chainage W of embankment/fill platform/slope/zone X on level Y as shown in drawing/figure no. Z. The customers shall assist the PWL testing staff to verify the extent of works covered in the test request form on site.
- (2) Give grid reference or chainage limits for the borrow area if available. If the fill material is obtained within the site, indicates, "Fill from within site". If crushed rock is used for filling, please give name of quarry if known.
- (3) To ensure the traceability, each sample/test position should have a unique identification number.
- (4) Where required by the testing standard, additional information such as soil type (viz. colluvial, residual, saprolitic, alluvial or marine soil) and oven-drying temperature, shall be provided to the testing laboratory.
- (5) The person who will show the test locations selected by the customer to the PWL testing staff on site should be nominated by the engineer who signed the form.
- (6) Test reports will not be released to any persons not registered with the laboratory unless they can provide a letter of authorization. Those test reports not collected within two weeks will be sent by post to the customer's Head Office. If the test reports have to be sent by dispatch, the name, telephone number, mailing address and email address of the addressee shall be stated in the box.

Selection of Test Locations for Sand Replacement Tests (SRTs)

- (7) For each test request of SRTs, the customers shall indicate the total number of test locations required on the test request form. PWL will select 20% to 50% of the total number of test locations required and the customer will select the remainder. The customer shall attach a site plan (see Note (1) above) with the test request form for the PWL to mark up the proposed test locations. On the day of testing, the PWL testing staff will locate and confirm the test locations on site, with the assistance of the customer's authorized representative if necessary.
- (8) For those SRT test locations selected by the customer, the customer's authorized representative shall show the locations to the PWL testing staff on site for verification.