



For laboratory use only	
Collection Request No. (CRN)	
Test Request No. (TRN)	

REQUEST FORM FOR BITUMINOUS MATERIALS TESTS

Account No. (if available) _____	Customer Test Request Ref. No. _____ (3) (Limited to 20 Characters)
(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"/> ASTM D2172-95, Method A	Determination of bitumen content of bituminous paving materials by centrifuge extractor	<input type="checkbox"/> BIT 3.9 (a) / <input type="checkbox"/> BIT 3.9 (b) ⁽⁴⁾
<input type="checkbox"/> ASTM C117-95 Procedure B and C136-96a	Determination of aggregate grading of bituminous paving materials with the following modifications:- (a) BS sieves are used instead of ASTM sieves. (b) The sample mass is smaller than ASTM requirement. (c) The manner of hand sieving is in accordance with BS812: Section 103.1:1985.	BIT 3.10
<input type="checkbox"/> ASTM D2041-95 with modification: the residual pressure manometer is replaced by a vacuum gauge	Determination of theoretical maximum S.G. (Rice's S.G.) of bituminous paving materials using Type A container, weighing in water method	<input type="checkbox"/> BIT 3.12 (a) / <input type="checkbox"/> BIT 3.12 (b) ⁽⁴⁾
<input type="checkbox"/> ASTM D6307-98	Determination of bitumen content of bituminous paving materials by ignition method	BIT 3.14
<input type="checkbox"/> ASTM D6307-05		BIT 3.14 (a)
<input type="checkbox"/> ASTM D2172-95, Method A and ASTM D6307-98	Determination of total binder content of polymer modified bituminous paving materials in accordance with Appendix 9.2 of the Particular Specification for the contract	BIT 3.15
<input type="checkbox"/> ASTM D2172-95, Method A and ASTM D6307-05		BIT 3.15 (a)
<input type="checkbox"/> ASTM D5444-98	Determination of mechanical size analysis of extracted aggregate with the following modifications:- (a) BS sieves are used instead of ASTM sieves. (b) The sample mass is smaller than ASTM requirement. (c) The manner of hand sieving is in accordance with BS812: Section 103.1:1985.	BIT 3.20
<input type="checkbox"/> AASHTO T316-06/T316-13(2017)	Determination of viscosity of asphalt binder using Rotational Viscometer	BIT 1.11
<input type="checkbox"/> AASHTO T316-06/T316-13(2017) with modification	Determination of viscosity of asphalt binder using Rotational Viscometer with following modification:- (a) Extracted solution from PWLTM No. BIT 3.21 is annealed at 150±5°C before tested in accordance with AASHTO T316-06/T316-13(2017).	BIT 1.11(a)
<input type="checkbox"/> Appendix AA of Contract Particular Specification of Highways Department	Sample preparation from extracted bitumen solution to Clause 9.2.3(f) to (j)	BIT 3.21
<input type="checkbox"/> ASTM D5404 - 12	Recovery of asphalt from solution using the rotary evaporator	BIT 3.22
<input type="checkbox"/> ASTM D2726-96a	Determination of bulk specific gravity and density of compacted bituminous mixtures using saturated surface-dry specimens	BIT 3.11
<input type="checkbox"/> ASTM D3203-94	Determination of air void content of compacted dense bituminous paving materials	BIT 3.13
<input type="checkbox"/> ASTM D3203-94 & D3549-93a	Determination of bulk specific gravity of compacted bituminous mixtures by dimension measurement method (for compacted bituminous mixtures with air void content of 10% or more)	BIT 3.17
<input type="checkbox"/> ASTM D1188-96 & D3203-11	Determination of bulk specific gravity, density and air void content of compacted bituminous mixtures using paraffin-coated specimens	<input type="checkbox"/> BIT 3.18 (a) / <input type="checkbox"/> BIT 3.18 (b) ⁽⁵⁾
<input type="checkbox"/> ASTM D6752-11	Determination of bulk specific gravity and density of compacted bituminous mixtures using automatic sealing method	BIT 3.23
<input type="checkbox"/> ASTM D3203-11	Determination of air void content of compacted dense and open bituminous paving mixtures	BIT 3.19
<input type="checkbox"/> Others (please specify)		

Sample details:-

Type of mixture : _____ HyD mix ref. : _____
 Laying location : _____
 Weight of bulk sample : _____ kg Date of sampling: _____ Date of laying: _____
 Sample No. : _____ Security label No.: _____ Retest: Yes / No

Other information/requirement:-

Presence of polymer / hydrated lime / fiber / other (please specify) _____
 For core samples, please indicate which reference Rice's S.G. should be used:-
 (e.g. Test Request No., Sample No., etc.) _____

- Notes:-
- (1) To be completed by a project works supervisor grade officer or above.
 - (2) To be completed by a project inspectorate grade officer or above (or his delegate).
 - (3) Please insert "R" after the Customer Test Request Ref. No. if the sample submitted is for a re-test.
 - (4) Select (a) with aggregate size smaller than 28mm or (b) with aggregate size greater than or equal to 28mm.
 - (5) Select (a) for specimens of 100mm diameter or (b) for specimens of 150mm diameter.

Sample(s) delivery supervised by ⁽¹⁾ :-

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

Test(s) requested by ⁽²⁾ :-

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

Fill in the box below the name, mailing and e-mail address to which the test report(s) should be sent or else mark "To be collected" if the customer requests to collect the report(s) from the laboratory in person.

<input type="checkbox"/> Preliminary results Fax No. _____	
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