Public Works Laboratories
Geotechnical Engineering Office, Hong Kong

For laboratory use only	
Submission Request No. (SRN)	
Test Request No. (TRN)	

TESTING REQUEST FOR STEEL WIRES, STRANDED STEEL WIRE ROPES, 7-WIRE STRANDS AND STAINLESS STEEL BARS

Account No. (if available) _____

Customer Test Request Ref. No. _____
(Please limited to 14 characters including insert "R" after the Customer Test Request Ref. No. if the sample submitted as re-test.)

(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 _____

Method (Select appropriate box)	Test Description	PWLTM no.	No. of sample(s)
☐ BS 302-1:1987 App. A & B	Determination of actual diameter and actual breaking load of stranded steel wire ropes	STE 3.6	
☐ BS 1052:1980	Mechanical testing of mild steel wire	STE 3.7	
☐ BS4482:1985 Sect 5	Determination of mass per unit length of cold reduced steel wires	STE 3.1	
☐ BS4482:1985 Sect 12	Determination of tensile properties of cold reduced steel wires	STE 3.2	
☐ BS4482:1985 Sect 5 & BS4482:1985 Sect 12	Determination of mass per unit length of cold reduced steel wires. Determination of tensile properties of cold reduced steel wires.	STE 3.1 & STE 3.2	
☐ BS4482:1985 Section 12.2 with modification	Rebend test of cold reduced steel wires	STE 3.3	
☐ BS 4482:2005 Cl. 7.3	Determination of mass per metre of steel wires	STE 3.8	
☐ ISO 6892-1:1998 & BS EN ISO 15630-1:2002 Cl.5 in conjunction with BS4482:2005 Cl. 7.2.2, 7.2.3 & 9	Determination of tensile properties of steel wires	STE 3.9	
☐ BS 4482:2005 Cl. 7.3 & ISO 6892-1:1998 & BS EN ISO 15630-1:2002 Cl.5 in conjunction with BS4482:2005 Cl. 7.2.2, 7.2.3 & 9	Determination of mass per metre of steel wires Determination of tensile properties of steel wires	STE 3.8 & STE 3.9	
☐ BS EN ISO 15630-1:2002 Cl.7 in conjunction with BS4482:2005 Cl. 7.2.2, 7.2.4 & 9 with modification	Rebend test of steel wires	STE 3.10	
☐ BS5896:1980 Clause 24.2	Determination of dimensions and mass per unit length of 7-wire strands	STE 5.1	
☐ BS5896:1980 Sect A5	Determination of tensile properties of 7-wire strands (using clip on extensometer)	STE 5.2(b)	
☐ BS5896:1980 Clause 24.2 & BS5896:1980 Sect A5	Determination of dimensions and mass per unit length of 7-wire strands Determination of tensile properties of 7-wire strands (using clip on extensometer)	STE 5.1 & STE 5.2(b)	
☐ BS EN ISO 15630-3:2019 Cl. 14.3.4 & 16 in conjunction with BS 5896:2012 Cl. 7.2.1 & 9	Determination of straightness and deviation from nominal mass per metre of 7-wire strand	STE 5.1(a)	
☐ BS EN ISO 6892-1:2019 Cl. 10.3.3 Method B & BS EN ISO 15630-3:2019 Cl. 5 in conjunction with BS 5896:2012 Cl. 7.2.2 & 9	Determination of tensile properties of 7-wire strand	STE 5.2(c)	
☐ BS EN ISO 15630-3:2019 Cl. 14.3.4 & 16 in conjunction with BS 5896:2012 Cl. 7.2.1 & 9 ☐ BS EN ISO 6892-1:2019 Cl. 10.3.3 Method B & BS EN ISO 15630-3:2019 Cl. 5 in conjunction with BS 5896:2012 Cl. 7.2.2 & 9	Determination of straightness and deviation from nominal mass per metre of 7-wire strand Determination of tensile properties of 7-wire strand	STE 5.1(a) & STE 5.2(c)	
☐ BS 6744:2001+A2:2009	Determination of mass per unit length of stainless steel bars	STE 1.20	
☐ BS 6744:2001+A2:2009	Determination of tensile properties of stainless steel bars	STE 1.21	
☐ BS 6744:2001+A2:2009	Determination of mass per unit length of stainless steel bars Determination of tensile properties of stainless steel bars	STE 1.20 & STE 1.21	
☐ BS 6744:2001+A2:2009	Bend test of stainless steel bars	STE 1.22	

Note:-(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).
*Delete as appropriate.

Sample(s) delivery supervised/handed over* by (1)

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

Test(s) requested by (2)

Signature : _____
Name : _____
Post : _____
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.

☐ Preliminary results		
Fax No.:		

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SAMPLE(S) INFORMATION

Contract No.: _____ Customer Test Request Ref. No. _____

PWLTM no.	Customer sample no.(s)	No. of sample(s)	Sample description (3) (4) (5) (6) (7)	Original product size (mm) (8)	Grade of sample(s) (9)	Source of material(s) / Manufacturer(s)

Additional sample/testing information:

Note :-
(3) Type of the sample shall be provided if applicable, e.g.
- Standard, super or drawn of 7-wire strands (PWLTM No. STE 5.1 & 5.2(b));
- Natural fibre core, man-made fibre core or steel core of stranded steel wire rope (PWLTM No. STE 3.6).

(4) Rope group (e.g. 6 x 24) of the stranded steel wire rope (PWLTM No. STE 3.6) shall be provided if applicable.
(5) Condition of supply (finally annealed, mild drawn or rolled, hard drawn or rolled) shall be provided for the sample of mild steel wire (PWLTM No. STE 3.7).
(6) Designation number shall be provided for the sample of stainless steel bars (PWLTM No. STE 1.20, STE 1.21 & STE 1.22).
(7) Steel name and steel number shall be provided for the sample of 7-wire strand (PWLTM No. STE 5.1(a) and STE 5.2(c)).
(8) Nominal diameter in mm shall be provided if applicable to the sample.
(9) Nominal tensile strength in MPa shall be provided for the grade of sample if applicable.