



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **CHINA HARBOUR ENGINEERING COMPANY LTD.**

CHAITHYA ROAD, COLOMBO PORT  
COLOMBO, SRI LANKA

**Testing Laboratory TL-767**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date February 5, 2024



A handwritten signature in black ink, reading "Raj Nathan".

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## CHINA HARBOUR ENGINEERING COMPANY LTD.

**Contact Name** Tang Mingju

**Contact Phone** +94 076 393 1769

*Accredited to ISO/IEC 17025:2017*

*Effective Date February 5, 2024*

CMT	
AASHTO T 89	Standard Method of Test for Determining the Liquid Limit of Soils
AASHTO T 90	Standard Method of Test for Determining the Plastic Limit and Plasticity Index of Soils
AASHTO T 176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test
AASHTO T 180	Moisture–Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop
AASHTO T 193	Standard Test Method for The California Bearing Ratio (CBR)
AASHTO T 245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus
ASTM C535	Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM D1883	Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils
ASTM D2726	Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures
BS 812-2	Testing aggregates. Methods for determination of density (Clauses 5.3 & 5.5 only)
BS 812-105.1	Testing aggregates - Part 105: Methods for determination of particle shape-Section 105.1 Flakiness index
BS 812-105.2	Testing aggregates - Part 105: Methods for determination of particle shape-Section 105.2 Elongation index of coarse aggregate
BS 812-106	Testing aggregates - Part 106: Method for determination of shell content in coarse aggregate
BS 812-110	Testing aggregates - Part 110: Methods for determination of aggregate crushing value (ACV)
BS 1377-2	Soils for Civil Engineering Purposes-Part 2; Clause 4.5, Casagrande apparatus method
BS 1377-2	Soils for Civil Engineering Purposes-Part 2, Clause 5, Determination of the Plastic Limit and Plastic Index
BS 1377-4	Soils for Civil Engineering Purposes-Part 4, Clause 3, Determination of Dry Density/Moisture content relationship

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BS 1377-4	Soils for Civil Engineering Purpose, Part 4, Clause 4, Determination of maximum and minimum dry densities for granular soils
BS 1377-4	Soils for Civil Engineering Purposes-Part 4: Clause 7, Determination of the California Bearing Ratio (CBR).
BS 1377-9	Methods of test for Soils for civil Engineering purposes —Part 9: (In-situ tests Clause 2.2 only)
BS 1377-9	Soils for Civil Engineering Purposes-Part 9, Clause 4.3, Determination of the In-Situ CBR.
BS 6717-Part 1	Precast concrete paving blocks-Part 1: Specification for paving blocks
BS EN 812-112	Aggregate Impact Value (AIV)
BS EN 933-1	Tests for geometrical properties of aggregates Part 1: Determination of Particle size distribution — Sieving method
BS EN 933-8	Tests for geometrical properties of aggregates Part 8: Assessment of fines – Sand equivalent test
BS EN 12350-2	Testing fresh concrete - Part 2: Slump-test
BS EN 12390-3	Testing hardened concrete: Part 3: Compressive strength of test Specimens
BS EN 13383-2	Armourstone Part 2, Test method (Clauses 5, 6 and 7 only)
Ciria publication C683	Drop test (Clause 3.8.5.2 only)
ISRM 1985	RTH 325- Determining Point load