

As an accredited Proficiency Testing Provider,
this Proficiency Testing Provider is entitled to
use the following accreditation symbol.



Valid from 07 August 2019
to 06 August 2022
Issued on 07 August 2019



ISO/IEC 17043
PT 001-01

Schedule of Accreditation

Accreditation Scheme for Proficiency Testing Provider
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: PT 001-01

ITI PT Scheme
Industrial Technology Institute
No 363, Baudhaloka Mawatha
Colombo 07

Scope of Accreditation: Provision of Proficiency Testing in the fields of Microbiology (Food & Water), Chemical (Cement) and Mechanical (Cement) as per methods specified in the scope of accreditation.

The Proficiency Testing Provider is accredited for the following Proficiency Testing Schemes as given in the pages 02 and 03.

SI NO	Field of PT Scheme	Specific PT area/ Products or materials	Determinant	Reference Methods/ Procedures	Limitation/ Range	Frequency	Site/ Location
01	Biological	Microbiology in Food (Liquid tea)	Aerobic Plate Count at 30 °C /ml	SLS 516: Part 1 - Section 1:2013 or ISO 4833-1:2013	Varies depending on the round	Annually	ITI
			Yeast and Mould count / ml	SLS 516 Part 2 /Section 1:2013 or ISO 21527-1: 2008		Annually	ITI
			Total Coliforms / ml	SLS 516: Part 3/ Section 1: 2013 or ISO 4831: 2006		Annually	ITI
			<i>E.coli</i> / ml	SLS 516: Part 12: 2013 or ISO 7251: 2005		Annually	ITI
			<i>Staphylococcus aureus</i> / ml	SLS 516: Part 6/Section 1: 2013 or ISO 6888-1: 1999		Annually	ITI
			<i>Salmonella</i> / 25ml	SLS 516 Part 5:2013 or ISO 6579: 2002		Annually	ITI
02	Biological	Microbiology in Water	Aerobic Plate Count at 30 °C /ml	SLS 516: Part 1 -Section 1:2013	Varies depending on the round	Annually	ITI
			Total Coliforms / 100 ml	SLS 1461 Part 1- Section 03:2011		Annually	ITI
			<i>E.coli</i> / 100 ml	SLS 1461 Part 1- Section 03:2011		Annually	ITI
03	Mechanical	Physical properties in Ordinary Portland Cement	Compressive strength 2 days (MPa)	SLS ISO 679:2011	≥10	Annually	ITI
			Compressive strength 28 days (MPa)	SLS ISO 679:2011	≥42.5 and ≤ 62.5	Annually	ITI
			Initial setting time (min)	SLS ISO 9597:2011	≥60	Annually	ITI
			Soundness (mm)	SLS ISO 9597:2011	≤10	Annually	ITI

SI NO	Field of PT Scheme	Specific PT area/ Products or materials	Determinant	Reference Methods/ Procedures	Limitation/ Range	Frequency	Site/ Location
04	Chemical	Chemical properties in Ordinary Portland Cement	Sulphate content (Expressed as SO ₃) (% by mass)	SLS ISO 29581-1: 2011	≤3.0	Annually	ITI
			Chloride content (% by mass)	SLS ISO 29581-1: 2011	≤5.0	Annually	ITI
			Insoluble residue (% by mass)	SLS ISO 29581-1: 2011	≤5.0	Annually	ITI
			Loss on ignition (% by mass)	SLS ISO 29581-1: 2011	≤5.0	Annually	ITI

Director/CEO
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Colombo, Sri Lanka