



Implementation of APEC TEL MRA Phase I and Phase II in Hong Kong, China

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Outline of Presentation

- ◆ Telecommunications equipment certification in Hong Kong, China
- ◆ Phase I MRA implementation
 - Progress update
 - Recognition of testing laboratories
 - Technical requirements
- ◆ Phase II MRA implementation
 - Current status
 - Criteria and procedures for recognition of Foreign Certification Bodies (FCB)

Part I

Telecommunications equipment certification in Hong Kong, China

Equipment Certification in HK

Legal Basis

Telecommunications Ordinance (Chapter 106 of Hong Kong Law) empowers the Telecommunications Authority (TA) to :

- (a) prescribe telecommunication standards
- (b) require testing and certification of telecommunications equipment
- (c) designate other organisations for the purpose of testing and/or certification of telecommunications equipment

Equipment Certification in HK

Certification Policy

- ◆ Policy for equipment certification aims to
 - remove trade barrier
 - minimise cost and time
 - protect consumer interests
- ◆ Certification arrangement in HK is designed to:
 - avoid duplicate effort in testing or certification
 - impose requirements commensurate with the risk level
 - allow more flexibility for suppliers to meet the relevant requirements

Equipment Certification in HK Certification Scheme

- ◆ Certification in HK is governed by the Hong Kong Telecommunications Equipment Evaluation and Certification (HKTEC) Scheme
- ◆ HKTEC Scheme covers 4 areas :
 - equipment classification
 - recognition of testing agencies
 - granting of certificate; and
 - labelling arrangement

Technical Regulations in HK (1)

HKTA specifications

- ◆ Testing of equipment to at least one technical specification prescribed by OFTA (i.e. HKTA specifications) including :
 - [HKTA 10xx](#) for radio equipment;
 - [HKTA 12xx](#) for maritime radio equipment
 - [HKTA 20xx](#) for fixed network equipment
- ◆ Details of HKTA specifications are available at:

<http://www.ofta.gov.hk/en/standards/HKTASpec/hkta-spec.html>

Technical Regulations in HK (2)

Other requirements

- ◆ EMC Requirements
- ◆ Safety Requirements

<http://www.ofta.gov.hk/en/ta-regulations/es22005090922.pdf>



Part II

Phase I Implementation

Phase I Implementation Progress Update

- ◆ Participated since 1999
- ◆ Already established Phase I MRA with 5 economies including Australia, Canada, Chinese Taipei, Singapore and USA
- ◆ MRA covers wireline and radio equipment

Phase I Implementation

HK testing laboratory recognised by APEC Tel MRA partners

MRA Partner	No. of Hong Kong Labs. recognised
Canada	1
Singapore	1
USA	3

Phase I Implementation

Testing laboratory recognised by OFTA

MRA Partner	No. of Labs recognised by OFTA
Chinese Taipei	3
Canada	1
Singapore	1
USA	7

Phase I Implementation

Procedure for seeking OFTA recognition (1)

- ◆ Accredited by an accreditation body in accordance with ISO/IEC 17025 to undertake testing of equipment to the technical requirements of Hong Kong
- ◆ Designated by the designating authority in the respective economy

Phase I Implementation

Procedure for seeking OFTA recognition (2)

- ◆ Apply through the designating authority (DA) for seeking recognition by OFTA
- ◆ The DA has to send a notification letter of designation to OFTA
- ◆ Annex II and III to Phase I procedures are required to be completed and provided along with the letter of designation.

Part III

Phase II Implementation

Phase II Implementation

Current status

- ◆ Already entered into phase II MRA with USA and Canada
- ◆ The procedures, criteria and requirements for the recognition of foreign certification body (FCB) by OFTA have been developed and posted on OFTA website at

http://www.ofta.gov.hk/en/tec/apectel_mra.html

Phase II Implementation

Procedures for recognition (1)

- ◆ A Certification Body (CB) must first be designated by the Designating Authority (DA) in its own country
- ◆ DA has to send a letter to OFTA requesting recognition for the CB together with supporting documents including :
 - completed application form
 - covering letter
 - certificate of accreditation & etc.

Phase II Implementation Procedures for recognition (2)

- ◆ OFTA will verify the information received and, upon recognition, will notify the DA by letter
- ◆ Information about the recognised FCB will be published on OFTA website

Phase II Implementation

Criteria & requirements for recognition (1)

- ◆ Have at least one permanent location in Hong Kong or the MRA partner territory
- ◆ Accredited to ISO/IEC Guide 65 in the relevant areas
- ◆ Scope of accreditation covers at least one of the technical specifications prescribed by OFTA (i.e. HKTA specification)

Phase II Implementation

Criteria & requirements for recognition (2)

- ◆ Have its own in-house testing laboratory accredited in accordance with ISO/IEC17025 and / or
- ◆ Have contractual arrangement with ISO/IEC17025 accredited testing laboratories or recognised testing agencies (RTA) registered with OFTA. A list of RTAs registered with OFTA is available at

<http://www.ofta.gov.hk/en/tec/rtalist.html>

Phase II Implementation

Criteria & requirements for recognition (3)

- ◆ Furnish OFTA with well-documented procedures for certification, post-certification auditing and post-market surveillance activities
- ◆ Assessment report or its executive summary from accreditation body should be available

Phase II Implementation

Criteria & requirements for recognition (4)

- ◆ Take remedial action as appropriate when the certified equipment :
 - causes interference; or
 - fails to comply with the applicable HKTA specifications
- ◆ Incompliant equipment is prohibited to be sold or used in HK.

Phase II Implementation

Requirements on certification

- ◆ Notify and furnish OFTA with the following information about the certified equipment :
 - Name and address of manufacturer
 - Brand name and model number
 - HKTA specification to which the equipment is certified and
 - Category of equipment
- ◆ OFTA will publish the certified equipment onto its website based on the information provided by the recognised FCB

Phase II Implementation Requirements on labelling

- ◆ The logo or any indication of OFTA or the flag of Hong Kong Special Administrative Region (HKSAR) shall not be printed on the certificate or label issued by recognised FCB

Phase II Implementation

Auditing and surveillance requirement (1)

- ◆ Recognised FCBs should perform post-certification surveillance activities for products certified by them as required by OFTA
- ◆ Recognised FCBs should report results of the surveillance to OFTA

Phase II Implementation

Auditing and surveillance requirement (2)

- ◆ If, during post-certification surveillance of certified equipment, a recognised FCB determines that the equipment fails to comply with the applicable technical regulations, it shall immediately notify the equipment supplier and OFTA
- ◆ The recognised FCB shall provide a follow-up report within 30 days of the action taken by the supplier to correct the situation

Phase II Implementation

Accreditation Body in HK

- ◆ Hong Kong Accreditation Service (HKAS) provides accreditation service for testing laboratories, certification bodies and inspection bodies through various accreditation schemes such as Hong Kong Laboratory Accreditation Scheme (HOKLAS)
- ◆ All Hong Kong laboratories or CBs are to be designated for recognition by APEC economies must first be accredited by HKAS
- ◆ Official website of HKAS : www.itc.gov.hk/hkas

Phase II Implementation

Designating Authority in HK

- ◆ OFTA is the Regulatory Authority and Designating Authority in Hong Kong
- ◆ Recognises foreign certification body (FCB) designated by foreign designating authority to perform certification to technical requirements of HK
- ◆ Designates Hong Kong CB for recognition by APEC economies under Phase II MRA

Key contact of OFTA for Phase I & II MRA

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Thank You