



Worldwide System for Conformity Testing  
and Certification of Electrotechnical  
Equipment and Components (IECEE)

# WG3 Report to CMC

see CMC1330da §9.2

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## WG3 REPORT

# Benefits of the CTF Program

## WG3 REPORT

- ▶ **Definitions:**

- ▶ CTF – Customer Testing Facility
- ▶ CBTL – CB Testing Laboratory
- ▶ NCB – National Certification Body

## WG3 REPORT

- ▶ **Customer Testing Facility Programs**
- ▶ Overview
  - ▶ Testing performed at customer's facilities by CBTL staff or by customer's staff under the CBTL's or NCB's supervision
  - ▶ Customer testing facilities must comply with relevant aspects of ISO/IEC 17025 and applicable CB Scheme requirements
  - ▶ Validation of customer's competence is carried out by the CBTL or NCB

## WG3 REPORT

### ▶ **Benefits**

- ▶ Allows the use of customer's specialized test equipment and facilities
- ▶ Reduces overall product development/approval cycle and time to market
- ▶ Permits testing at the appropriate time in product development cycle
- ▶ Reduces approval costs with respect to sample and shipment costs

## WG3 REPORT

### ▶ **Benefits** (continued)

- ▶ Takes advantage of customer's specialized knowledge for test set up and operation of the product under test
- ▶ Allows the customer to expand knowledge and experience through collaboration with conformity assessment bodies
- ▶ Permits customer discretion on the level of involvement in the product testing process

## WG3 REPORT

- ▶ **Overview of the CTF Program**
- ▶ Provides a progressive, modular approach to product testing

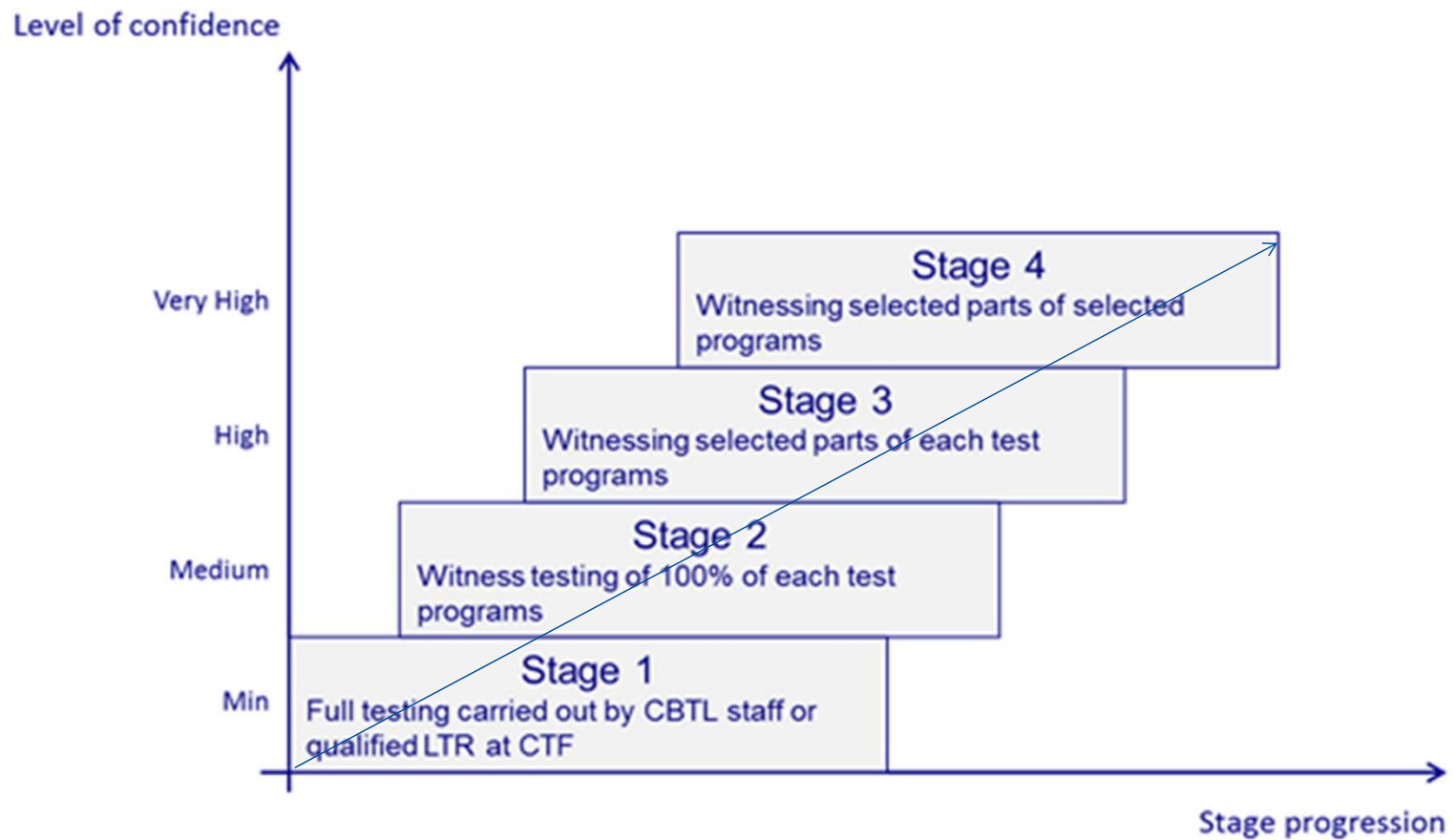
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The Third Party Utilization of Customers' Testing Facilities (TPU CTFs) concept combines rigorous qualification of CTF's capabilities, a confidence building phase, extensive exchange of information between the CBTL/NCB/LTR and the CTF, and a comprehensive witnessing and supervision programme. The content of the witnessing and supervision program may evolve and change as confidence is built in the strength of the quality management system and testing expertise and experience of the CTF.

# WG3 REPORT

## Overview of the CTF Program

Provides a progressive, modular approach to product testing





## WG3 REPORT

- ▶ Facilitates increasing customer involvement in product testing with growing knowledge, experience and capability
  - ▶ Greater knowledge of safety standards translates into safer products
- ▶ Defines clear criteria for progression through the stages of the program
- ▶ Provides added transparency and credibility as a third-party conformity assessment program

## WG3 REPORT

- ▶ There are four progressive stages in the CTF program
  - ▶ Stage 1 – Full testing carried out by CBTL staff at CTF
  - ▶ Stage 2 – Witnessing 100 per cent of each test program
  - ▶ Stage 3 – Witnessing selected parts of each test program.
  - ▶ Stage 4 – Witnessing selected parts of selected test programs
- ▶ Notes:
  - ▶ Stages 3 and 4 require participation in IECEE Proficiency Testing Program
  - ▶ Stage 4 additionally involves IECEE Assessment initially and every three years



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Thank you for your attention.  
Any questions?

