



Product Safety Engineering Society **Taipei Chapter**

IECEE CB Scheme: CTL & PTP

Presented by: Answer Sung

Date: 2012-4-27





Objective

- What's CTL & PTP?
- Your work associated with CTL
- Your work associated with PTP













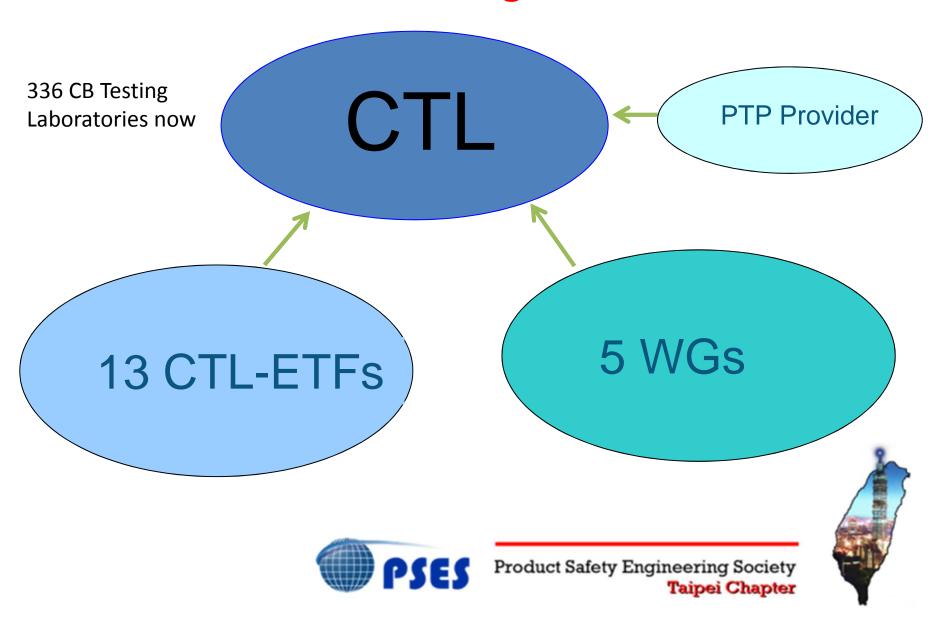








CTL - Committee of Testing Laboratoires





CTL Working Groups

WG1 – Metrology and Uncertainty/Accuracy

WG2 – Proficiency Testing

WG3 – Editing Group

WG4 – Coordination

WG4 – Software Evaluation







CTL EXPERT TASK FORCES (ETF)









CTL Decision Sheets

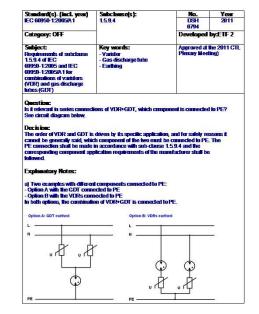
Approval by ETF: Provisional Decision Sheet

Approval by CTL: CTL Decision Sheet

CTL PROVISIONAL DECISION SHEET (PDSH)

Standard(s)- (incl. year) IEC 60950-1-2005 2 nd ed. Category: OFF	Subclause(s): 29/2101/5.34	Ho.	Year	
		PDSH 0798	2011	
		Developed I	Developed by: ETF2	
Subject: Insulation requirement from mains input (between L and N) up to the fuse.	Key words:		To be approved at the 2012 CTL Plenary Meeting	
Decision: Functional insulation is su	Micient.			
Explanatory Notes: - The following are reason: 1. According to claus primary circuits, see	STOLENIE STOLENIE	sulation (F6) is requ		
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CTL DECISION SHEET (DSH)









PTP: Proficiency Testing Program

The roles of proficiency testing is for:

- promotion of technical accuracy, quality management, training and assurance.
- Promote mutual confidence in testing results



The first IECEE CTL PTP was conducted in 1999

- Measured temperature rise in a switch







PTP: Proficiency Testing Program

Who shall participate?

CB Testing Laboratories (CBTLs and ACTLs) and Supervised Manufacturer's Testing Laboratories (SMTLs).







PTP Update on 2011 PTP Workshop

New!

Regional PTP Workshop in China

May 15th, 2012 from 9 am to 5 pm, limited to 30 persons









- Administrative
- Technical
- Equipment
- Calibration





Administrative



















Technical

- We will be late submitting the results. In setting up the PTP, the technician failed to check the voltage he was applying and blew some lab equipment.
- He failed to use an electrical protective device and this caused a fire.







Technical

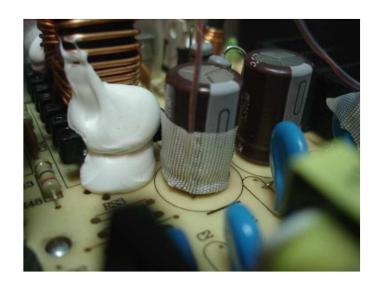
- How should we confirm the trip current on our tracking test gear?
- What do you mean: "attach thermocouples?"
- How will I know what the current should be if I apply 243.8V?







PTP: Temperature Rise - SMPS















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Thank you for your Time!

