



INSTITUT LATIHAN PERINDUSTRIAN KEPALA BATAS PULAU PINANG  
JABATAN TENAGA MANUSIA

# #100TechTalk TECHNICAL WEBINAR : THE IMPORTANCE OF EQUIPMENT CALIBRATIONS

14TH OCTOBER 2021

8.30 - 10.30 AM



ILP KEPALA  
BATAS



JOM MASUK ILP  
KEPALA BATAS

**FREE  
ENTRY**

## WHO SHOULD ATTEND?

- >Lecturers / Trainers of Instrumentation course
- >Engineers/Technicians whom related to precision equipment/machineries
- >Students of Electrical/ Electronics/ Instrumentation

## WHAT ARE THE TOPICS?

- >What Is Calibration
- >Accredited Calibration
- > Introduction to Measurement Uncertainties
- > Responding to Results Out of Tolerances

## SPEAKER

**FELIX CHING**

Technical Director  
Metcal Technologies



**FELIX CHING** is a HRDF certified trainer with more than 250 hours of training experience. He has been working with Metcal Technologies (M) Sdn. Bhd. for 15 years in the field of leadership and technical management. He graduated in Bachelor's Degree in Mechanical Engineering from University Science Malaysia, Engineering Campus. Specializes in Dimensional, Mass, Statistic and Mathematics, he is engaged as a consultant and technical advisor for calibration and testing. Felix is an approved signatory for Calibration certificate issued by SAMM accredited laboratories to whom signatory approval has been granted by STANDARDS MALAYSIA.

## MODERATOR

**MOHD GADAFFI  
ZAMBERI**

HOD Instrumentation  
ILP Kepala Batas



**MOHD GADAFFI ZAMBERI** served as the Head of the Instrument Division (Process Control), ILP Kepala Batas, from 2009 until now. Before serving as an instructor, he worked in heavy industry for 8 years as an Electrical & Instrumentation Technician and Engineer, and among the sectors are cement and marine manufacturing such as Perak Hanjoong Cement (formerly known as YTL Cement), Malaysia Marine & Heavy Engineering (MMHE) and Bousted Naval Shipyard. He was involved as a JTM electronic cluster Expertise Committee member, syllabus development, question development, and learning materials development for the instrument field.

\*MBOT CPD  
Claimable

\*still in application

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# THE IMPORTANT OF EQUIPMENT CALIBRATION

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PROGRAM TECHNICAL WEBINAR  
#100TECHTALK

Institut Latihan Perindustrian Kepala Batas, Pulau Pinang mengadakan webinar teknikal bertajuk The Important of Equipment Calibration adalah salah satu dari tiga webinar ILP Kepala Batas di bawah Program Inisiatif 100 hari YB Menteri Sumber Manusia secara atas talian yang dipancarkan secara langsung melalui platform Facebook dan Youtube.

Webinar The Important of Equipment Calibration ini dikendalikan oleh Bahagian Instrument Kawalan Proses ILPKBPP. Moderator bagi webinar ini ialah Ketua Bahagian Instrument Kawalan Proses iaitu Mohd Gadaffi bin Zamberi. Manakala panel bagi webinar ini ialah Felix Ching yang merupakan Technical Director Metcal Technologies yang beroperasi di Pulau Pinang.





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Perbincangan dalam webinar ini mengenai "The Importance Of Equipment Calibration" menjurus kepada pemahaman dan kepentingan tentukuran (calibrate) terhadap alatan pengukuran yang digunakan samaada di dalam kehidupan atau kerja seharian. Bukan itu sahaja, panel juga berkongsi kaedah bagaimana untuk memilih alatan pengukuran yang sesuai dan cara membaca spesikasi dengan betul jika ingin membeli peralatan tersebut.. Webinar ini telah dihadiri kira-kira 1000 orang dimana para peserta terdiri dari pensyarah dan pelajar IPTA, IPTS dan institut TVET seluruh Malaysia, pihak industri dan juga kontraktor berkaitan.

Terima kasih pada semua yang menayakan.

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#ADTEC

#JMTI

#100TechTalk

#KeluargaMalaysia

Jom Kongsikannya..

**METCAL S25** Understanding Measurement & Calibration  
Training Hub

### Responding to Results Out of Tolerances

- Can it be re-adjusted or repaired?
- Any possibility the calibration vendor is in error?
- Is the tolerances suitable for my usage?
- Is down-grading the tolerance an option for me?
- Is the range found out of tolerances within my usage?
- Is applying corrections able to resolve?
- Can I use this item for limited usage?
- Any re-selling value?

ii. LINK ADA DI RUANGAN KOMEN FB ILP KEPALA BATAS DAN CHANNEL YOUTUBE JOM MASUK ILP K

**METCAL S25** Understanding Measurement & Calibration  
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### Calibration

The diagram shows a house-shaped outline representing a laboratory. Inside the house, there is a person labeled 'Personal', a factory icon labeled 'Master', a document labeled 'Procedure', a thermometer labeled 'Temp & RH', and a clock labeled 'UUT'. Below the house, there is a question mark icon labeled 'Measurement Uncertainty' and the word 'Laboratory' at the bottom.

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