NIQ ENGINEERING SDN BHD
MEE SERVICES & TRAINING PROVIDER
REG. #: (538098H)

MEDICAL ELECTRICAL EQUIPMENT CALIBRATION AND UNCERTAINTY MEASUREMENT

HRDC REG. COURSE #: 10001281323

MBOT CPD Points: 12

Competency Examination

Malaysian Electromedist Association - MEA

Certification

- ·Competency - MEA
- ·Attendance – NIQ

For

- Electromedist
- Biomedical Engineer
- Technologist
- Technical Manager
- Medical Electronic Lecturer
- Student

Fees

RM2,000.00 per pax

*Students gets special discount of 50%

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+60146969155
SALES@NIQENGINEERING.COM

Objectives

- ·TO UNDERSTAND THE CALIBRATION PROCESS OF ME EQUIPMENT.
- TO DEVELOP UNCERTAINTY MEASUREMENT BUDGET TABLES
- TO DEVELOP A PROPER TESTING PROCEDURE
- TO ESTIMATE THE EXPANDED UNCERTAINTY
- TO UNDERSTAND THE CALIBRATION DATA
- ABLE TO PERFORM PROPER TESTING.
- PROPER DATA COLLECTION
- DATA ANALYSIS
- VALIDATION

It was determined that healthcare professionals had a low level of knowledge about calibration, used non-calibrated medical devices, and did not receive training on calibration. It is recommended that calibration should be introduced as a subject in both the university curriculum and in-service training programs for healthcare professionals

(Yayan & Zengin, 2020).

About the trainer

Mr. **Tc. Nik Zaidi Nik Bulyamin** is the founder of **NIQ Engineering Sdn Bhd**. He is also wellversed in electro-medical equipment testing equipment with 24 years of experience in the field. Factory-trained personnel for Dynatech Nevada Inc., Clinical Dynamics Corporation, and Michigan Instrument Incorporation in the USA. Besides managing his own business, he also conducted his training such as Familiarization with Electromedical Test Equipment and Electrical Safety Test Training the training included national and international. His completion project that has done is the Electromedical Calibration Laboratory for Sri Comm Instruments Sdn Bhd, complete setup for the Electromedical Calibration Lab for NIQ Engineering Sdn. Bhd. He is also a certified trainer from HRDF (human resource department fund) and a chairman of the working group for MS: IEC60601-1 and IEC 61010-1 with SIRIM Malaysia. Competency Committee with Medical Device Authority of Malaysia. Examplar Certified Lead Auditor for Quality Management Systems and Anti-Bribery Management Systems.

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Tentative of Program

Day 1

09:00	INTRODUCTION TO CALIBRATION
10:45	BREAK
11:00	STATISTIC: LINEAR REGRESSION
13:00	LUNCH BREAK
14:00	UNCERTAINTY MEASUREMENT AND BUDGET TABLE
15:30	BREAK
16:00	HANDS-ON - SAMPLE 1
17:00	DISMISSAL

Day 2

08:30	HANDS ON - SAMPLE 2
10:30	BREAK
10:45	HANDS ON - SAMPLE 3
13:00	LUNCH BREAK
14:00	EXAMINATION PAPER 1
15:30	EXAMINATION PAPER 2
16:00	RESULT AND CLOSING CERMONY
17:00	DISMISSAL

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