

CONDITION BASED MONITORING TRAINING BY IRIS POWER EXPERT

29 September - 1 October 2026

Kuala Lumpur, Malaysia

Hosted by **FIRM SYNERGY VENTURES** SDN BHD

Condition Based Monitoring (CBM) is a proactive maintenance approach that utilizes advanced diagnostic and monitoring techniques to assess the health of critical electrical assets. This training provides participants with an understanding of common failure mechanisms in rotating equipment and Cast Resin Transformer, introduces key monitoring technologies, and develops the skills to collect, interpret, and correlate diagnostic data with equipment condition. Participants will also learn how the integration of online monitoring and offline testing can improve maintenance planning, enhance equipment reliability, and reduce the risk of unexpected failures

Training Objectives

- To understand common failure mechanisms of rotor windings, stator windings, phase bus and Cast Resin Transformer
- To understand basic CSA, Air Gap and flux monitoring theory
- To understand basic PD, Endwinding theory
- To understand Shaft Voltage and Current
- To collect and interpret data and relate the data to specific failure mechanisms
- To understand how online monitoring and offline testing can be used together

Who Should Attend?

The course is designed for engineering and maintenance personnel who either purchase, install, test, maintain and/or repair motors and/or generators. Consultants, manufacturers and repair shop personnel would also benefit from this course.



Instructor - Mladen Sasic

Mladen Sasic is Manager of Rotating Machines Technical Services with IRIS Power, Canada. He has more than 35 years of professional experience in design and testing of Electrical Power Equipment.

Before joining IRIS, Mladen was with ADWEL International LTD., where he was involved in design and application of test equipment for on-line and off-line testing of rotating machines.

Mladen Sasic received a B.S. degree in Electrical Engineering from Sarajevo University, Yugoslavia in 1987. He is a Fellow of the IEEE and is a registered professional engineer in Ontario, Canada. Mladen was co-author of Handbook of Electrical Motors published in 2004, and more than 120 technical papers. He was a member and contributed to various CIGRE, IEC, ISO and IEEE working groups.

AGENDA

Condition Based Monitoring

- Online Monitoring
- Offline Testing

Rotor Windings

- Flux Monitoring
- Air Gap Monitoring
- Current Signature Analysis
- Shaft Voltage and Current

Stator Winding

- Partial Discharge
- Endwinding Vibration

Data Collection

- Continuous Systems
- Portable Instruments

VENUE:

TRAINING CENTRE - FIRM SYNERGY
VENTURES

Lot 10-AAB, Block A, Pandan Capital PSN MPAJ,
Pandan Capital, Jalan Pandan Utama, Pandan
Indah, 55100 Ampang, Wilayah Persekutuan
Kuala Lumpur

Website:

<https://fs-ventures.com/>

Map:

<https://maps.app.goo.gl/cUiPgGvYTgdnPQyk9>

CONDITION BASED MONITORING TRAINING BY IRIS POWER EXPERT

Registration:

Attendance is limited to 30 pax.

To register, please submit this form to:

Email: admin@fs-ventures.com

Payment MUST be accompanied by payment, latest 2 weeks before commencement of the training, otherwise Participants will not be allowed to attend the Training.

Your registration will be confirmed by email upon receipt of your completed training registration form and payment.

Training Fee Per Attendee:

MYR7,500.00 + 8% SST

(Not claimable under HRDF)

Training fee includes daily lunch & tea breaks

TRAINING FEE DOES NOT INCLUDE HOTEL ACCOMMODATION AND TRAVEL COSTS

Venue:

The training will take place at:

TRAINING CENTRE - FIRM SYNERGY VENTURES, KUALA LUMPUR

Lot 10-AAB, Block A, Pandan Capital PSN MPAJ, Pandan Capital, Jalan Pandan Utama, Pandan Indah, 55100 Ampang, Wilayah Persekutuan Kuala Lumpur

Cancellation & Withdrawal Policy:

The Company reserves the right to cancel or postpone the Training due to unforeseen circumstances. The venue may be changed to other location within Klang Valley, should the number of participants exceed 20 pax. Participants will be notified of any changes or cancellation.

Registration For Condition Based Monitoring Training 29 September to 1 October 2026

Kuala Lumpur

Name:

Company:

Plant Name:

Designation:

Address:

State:

Country:

Telephone:

Fax:

Email:

Payment Details:

Payment must be made by cheque, or directly deposited into our Maybank Bank Berhad account, upon submission of registration form to confirm your seat.

Bank Name: Maybank

Account Name: Firm Synergy Ventures Sdn Bhd

Account No: 560102688607

Bank Address: Lot 6 & 7, Jalan Perpaduan, Kampong Air, 88000, Kota Kinabalu, Sabah

Swift Code: MBBEMYKLKIN

For more information, please contact:

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2. Ms Farah Izzati (Enquiry/Registration)
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