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WIRE ROPE INSPECTION TRAINING COURSE



REGISTRATION FORM
 Two-Day Course on Wire Rope Inspection

Part 1 Company Information

Name of Company:

Address:

Telephone:

Fax:

Email:

Part 2 Contact Information

Contact Person Name:

Designation:

Telephone:

Fax:

Email:

Part 3 Participant Information

Training Date (please specify):

No	Participant Name	Designation	Remark

Note: Please indicate in the remark section if you prefer the course on weekdays.

Part 4 Terms and Conditions

- 1) MM Matrix Integrity Sdn. Bhd. will notify the exact date of training one (1) week earlier
- 2) If the registered participant is not able to attend, he/she may request for a replacement (3 days before the training date).
- 3) Please make full payment before training to MM Matrix Integrity (M) Sdn. Bhd. (CIMB account no: 8600 458 106) and submit the payment details together with the registration form.
- 4) In the event of any cancellation after the payment, only 80% of the payment is refunded.
- 5) MM Matrix Integrity (M) Sdn. Bhd. reserves the right to postpone the course if due to unforeseen circumstances.

Do you know who is supposed to inspect your lifting slings? More importantly, do you know how often they are inspecting them? In UWEC, we take great amount of effort and coordination to stay on track with current industry standards and to develop an inspection program that is made up of highly-trained and qualified inspectors and technicians that focus only on wire ropes, rigging equipment inspections, industry compliance, sling testing and repair.

Inspection of wire ropes and equipment shall be performed for three good reasons:

- It reveals the rope's condition and indicates the need for replacement.
- It can indicate if you are using the most suitable type of rope.
- It makes possible to the discovery and correction of faults in equipment or operation that can cause costly accelerated rope wear.



WE NOW OPEN FOR NEW IN-TAKE

COURSE CONDUCTED – WEEKDAYS OR WEEKEND, DEPEND ON YOUR PREFERENCES
 (UPON REQUEST) – STARTING FROM 1st OCTOBER 2020 ONWARD

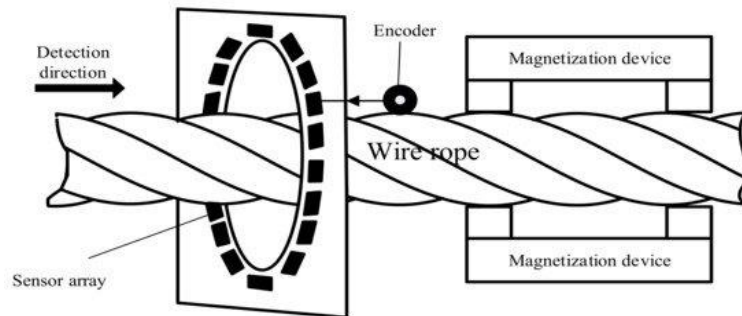
FEE: RM1200/PAX (SPECIAL PRICES FOR STUDENT)

SYNOPSIS

Every wire rope subjected to internal or external breakage, loose strands, corrosion, abrasion and fatigue will fail one day if it is not discarded on time. Visual inspection is often conducted however, it is tiresome, time consuming and only external defects could be detected. Electromagnetic inspection using Wire Rope Flaw Detector enables simultaneously accurate measurement of loss of metallic area (LMA) and detection of outer and inner localized flaws (LF), such as broken wires, strands and pitting corrosion.

This flaw detector is widely used to inspect ropes at underground, surface mining, cranes and heavy lifting onshore, cableways, cable bridges, elevators, guy ropes of flare stacks and masts, overhead transmission line etc.

Operation of the flaw detector is based on magnetic flux leakage principle. The detector uses strong permanent magnets to magnetically saturate the rope under inspection. Only in the case of magnetic saturation, it is possible to obtain high accuracy and sensitivity of the flaw detector.



PROGRAM OUTCOMES

- Acquire the basic skills of wire ropes inspections
- Ability to identify the type of wire ropes defect
- Able to conduct assessment and documentation of wire defect as per ISO 4309 ED 2017
- Ability to use wire rope inspection instrument

WHAT YOU LEARN

- Various type of wire ropes defects
- Identify and inspect the key areas of wire ropes
- Able to detect the Local Flaw (LF) and Loss Metallic Area (LMA) at an accurate position of the wire rope.
- Able to assess the condition of defect in accordance to ISO standards
- Wire ropes flaw detector Testing (Theory & Practical) – Latest equipment (Hands-on)

SPECIAL FEATURES

- **Meals are provided** (Breakfast, lunch and light meals during a short break.
- Accommodations can be arranged for those who travel long distance.
- Classes can be arranged either on weekday/weekend.
- **Training Certificate** is provided.

COURSE SCHEDULE

TIME	DAY 1	DAY 2
0830 - 0900	Registration & Breakfast	Breakfast
0900 - 0915	Safety Briefing	Practical Session for Wire ropes flaw detector
0915 - 1000	Theory for Introduction To Wire ropes Inspection	
1000 - 1015	Tea Break	Tea Break
1015 - 1230	Continue Theory for Introduction To Wire ropes Inspection	Practical Session
1230 - 1400	Lunch	Lunch
1400 - 1530	Theory for Wire ropes flaw detector	Practical Session
1530 - 1545	Break	Break
1545 - 1700	Continue Wire ropes flaw detector	Practical Session
1700	Dismiss	Certificate Ceremony & Dismiss