



CSWIP / LLOYD'S REGISTER/ ACFM OPERATORS COURSE LEVEL 1

Course Ref.:	ACFM Operator Course Level 1
Venue:	Pinthong Industrial Estate, Thailand Mermaid Training & Technical Services Ltd. (MTTS)
Course Duration:	4 days + 1 day Lloyds examination
Course Date:	To be confirmed
Course Fee:	USD \$2,717

The model U9, Alternating Current Field Measurement (ACFM) Crack Microgauge is one of a series of NDT instruments manufactured by Technical Software Consultants (TSC), for the detection and sizing of cracks in electrical conducting material.

The ACFM technique is ideally suited for defect detection and sizing when electrical contact is impossible or undesirable. It is especially useful for rapid scanning and for sizing through paint and rust, both topside and underwater.

The ACFM technique has now been widely accepted by certifying authorities and the majority of offshore operators as an acceptable technique for the detection of surface breaking fatigue cracks either on uncoated or coated steel structures.

Course Content

- Overview of NDT techniques
- Electrical and Electromagnetic theory
- ACFM Detection ~ identification of cracks
- Weld inspection by ACFM techniques
- Sizing for length and depth
- Reporting
- Backing up data onto disk

Entry Requirements

- Be a surface practitioner certified under PCN or CSWIP
- Have a qualification in a relevant engineering science
- Be a current or previously approved 3.4U Inspection Controller
- Be a current or previously approved CSWIP 3.1U or 3.2U diver

Note: Refresher courses can be arranged on request

For Further Details Please Contact:
Mermaid Training & Technical Services Ltd.
Tel: +66 (0)38 138302 (direct line)
Fax: +66 (0)38 348104
E-Mail: training@mermaid-maritime.com