

ISO CAT 1 and Level 1 ASNT Certification Training

Achieve the qualification to set you on the path to become a certified ultrasound inspector



2 – 5 September 2019

The scope

Ultrasound testing is the first line of defense against unplanned downtime. As the inspector responsible for this crucial condition monitoring activity, you need the knowledge to understand your task. ISO CAT 1 Ultrasound Certification Training presents you the opportunity to achieve the highest qualification in ultrasound – an internationally recognised certificated course from the Mobius Institute. Whilst the ASNT Level 1 course is available at the same time with an open book exam.

During the training you have an opportunity to work with and learn from one of the world's most experienced ultrasound trainers and inspectors. Offering you the learner a wealth of knowledge and experience in ultrasound techniques.

This 4-day course is an essential mix of theoretical knowledge and practical experience. Working from the ASNT international course guide students are exposed to sound theory and how it is applied to the inspection disciplines demanded by an effective ultrasound program.

Course objectives

- Understanding the principles of ultrasound as applied to predictive maintenance
- A knowledge of airborne and structure-borne sensors and their functions.
- Explore data acquisitions and storage options
- Analysing and trending data, utilising time signal analysis and setting up statistical decibel alarms.
- A study of ultrasound applications
- Assessing equipment and analysing results
- Recommendations on the implementation of an ultrasound programme.

Course prerequisites

A scientific calculator is required for the course.
No mobile phone calculators will be allowed at all.

Certification requirements

- A minimum of six months practical experience using the Ultrasound SDT 200 or SDT 270
- The results of a hearing test from within the same calendar year

Who should attend?

- Condition monitoring and reliability practitioners
- Energy managers and auditors
- Electrical and mechanical engineers
- Electrical maintenance personnel
- Engineering managers
- Asset managers
- Senior technicians

Course outcomes

- How to apply sound based techniques to predict mechanical and electrical failures
- Gain vital safety knowledge for working in high voltage areas
- Certification is provided on completion of the course and a closed book exam from the Mobius Institute Board Certification (MIBoC) which is ISO accredited in accordance with ISO 18436-1

The facilitator



Tom Murphy |
Corporate Training
Manager at SDT
International



The world's most experienced ultrasound trainer and inspector.

Registration Form for ISO CAT 1 Training and Level 1 ASNT Certification Training

Send completed registration form with a copy of your company purchase order to 1account@martec.co.za or training@martec.co.za or fax it to +27 (0)86 502 0634

Learner details					
Name and surname					
Designation					
Email address		Cell no		Tel no	
Race		Gender			
Dietary requirement	Halal		Vegetarian		Other
Invoicing details					
Company name					
Billing address					
Physical address					
VAT registration no		Purchase order no			
Person responsible for payment					
Name and surname					
Email address		Tel no			
Course information					
Venue	Course date		Course rate pp exl VAT		
Pragma Group Building – Treur Close, Waterfall Park, Midrand	2 – 5 September, 2019		R23 000.00		

Rates for South Africa only

Terms and conditions of registration

A confirmation letter and tax invoice will be sent to the delegate on receipt of this application. Confirmation of the delegate's registration (by the 1st of July) including a map to the venue and a list of accommodation options in the area will be sent on receipt of confirmation of payment which must be made by the 1st of August 2019. **Confirmation on registration will only be made upon proof of payment.**

All applicants must complete this registration form in full and indicate your menu option. Halal menus are charged in addition to the above rate. Incomplete application forms cannot be processed.

Full payment must be received prior to attending the course – 30 days prior.

On arrival delegates must present the confirmation of registration that will have been emailed to them.

The course presenters reserve the right to refuse admission where this confirmation and evidence of payment cannot be shown.

Cancellation and Non-attendance Policy

All notices of cancellation must be in writing. Cancellations received 40 days prior to commencement will be subject to an 80% cancellation fee. Cancellations received 20 working days prior to commencement of the course will be accepted subject to a 50% cancellation fee. Alternatively a substitute delegate will be accepted. Late cancellations (10 or less working days prior to commencement of the course) and non-attendance are liable for the full invoice amount.

Obligation to Pay

Even though the Company is liable for paying the course fee, the delegate retains ultimate responsibility for ensuring that the fee is paid.

Confirmation of Registration

If you have not received your confirmation of booking before the course, please contact us to make sure that you are registered.

Martec reserves the right to cancel any advertised course due to insufficient enrolments or conditions beyond our control.

I hereby confirm that I am authorised to sign for and on behalf of the Applicant Company and accept the above Terms and Conditions.

Name

Signature

Date

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Invoicing details			
Company name			
Billing address			
Physical address			
VAT registration no		Purchase order no	
Person responsible for payment			
Name and surname			
Email address		Tel no	
Course information			
Venue: Pragma Building, Treur Close, Waterfall Park, Midrand	Course dates	Course rate pp excl VAT	Please mark which course <input checked="" type="checkbox"/>
Ultrasound Level 1 ASNT	2 – 5 September	R 18 000	
ISO CAT 1	2 – 5 September	R 23 000	

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The course presenters reserve the right to refuse admission where this confirmation and evidence of payment cannot be shown.

Cancellation and Non-attendance Policy

All notices of cancellation must be in writing. Cancellations received more than 10 working days prior to commencement of the course will be accepted subject to a 10% cancellation fee. Alternatively a substitute delegate will be accepted. Late cancellations (10 or less working days prior to commencement of the course) and non-attendance are liable for the full invoice amount.

Obligation to Pay

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