

# Airborne and Structure Borne Ultrasound Inspector Level 1 and Level 2 Training

Internationally accredited by ASNT and facilitated by an Ultrasound expert.



Contact us for dates or to  
arrange onsite training

## The scope

### Level 1 Certified Ultrasound Inspector Training (3 days)

Working from the Level 1 course guide with experienced trainer Tom Murphy from SDT International. Learners are taught the introduction to sound theory and how it is applied to the inspection disciplines of an effective ultrasound program.

The Level 1 Inspector once deemed competent will leave the 3-day course with a knowledge base of sound theory and application facts. The trainer will guide the learner into making sound evaluations on machinery and electrical equipment within their work environment. These evaluations will assist to determine if equipment is currently approaching or already in stages of deterioration.

### Level 2 Certified Ultrasound Inspector Training (3 days)

The level 2 course is the next logical step for ultrasound inspectors who want to gain more from their current maintenance programs whilst also taking advantage of the evolutionary advancements in ultrasound technology.

## Course objectives

- Imparting knowledge to improve productivity and profitability.
- Promoting inspector confidence.
- Providing a comprehensive understanding of ultrasound technology.
- To ensure inspectors maintain their high level of knowledge and expertise.
- Imparting a deeper understanding into the role of ultrasound technology as part of a predictive and preventative maintenance strategy.

## Who should attend

- Condition monitoring and reliability practitioners
- Energy managers and auditors
- Mechanical maintenance personnel
- Electrical maintenance personnel
- Engineering managers
- Technicians.

## Course outcomes

- How the principles of ultrasound apply to predictive maintenance
- How to apply sound based techniques to predict mechanical and electrical failures
- How to complete an electrical inspection on switchgear and transformers
- Gain vital safety knowledge for working in high voltage areas.

## The facilitator



**Tom Murphy |**  
Corporate Training  
Manager at SDT  
International



The world's most experienced ultrasound  
trainer and inspector.

# Registration Form

## Airborne and Structure Borne Ultrasound Inspector Course

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

Send completed registration form with a copy of your company purchase order to [1account@martec.co.za](mailto:1account@martec.co.za) or [training@martec.co.za](mailto: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			R18 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 including a map to the venue and a list of accommodation options in the area will be sent on receipt of confirmation 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

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 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

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