

Underground Storage Tank Tightness Testing

By acoustic method

Level 1 and 2 training courses

The scope

Level 1 Tank Test Training (2 days)

This two-day course consists of one day of theory and one day of practical and caters for condition monitoring professionals and maintenance planners who utilise the SDT270 TankTest kit, sold and distributed by Martec throughout Southern Africa.

The training provides the learner and operator with an understanding of the equipment and how to interpret the data collected. The acoustic testing of underground tanks is proven to be an effective and reliable method of detecting leaks in petrochemical applications and therefore preventing safety and environmental risks.

Level 2 Tank Test Training (2 days)

Two days of practical training offer a deeper understanding of the methodology surrounding this method of testing.

Course Topics

- Acoustics and ultrasound technology
- Principles of tightness control by acoustic methods
- Qualification of the measuring system
- Control procedures
- Concepts of tightness and leakage
- Leakage of gas and liquid
- Parameters influencing the flow rate
- Consequences of UST tightness testing

Who should attend?

- Condition monitoring and reliability professionals
- Environmental consultants
- Energy managers and auditors
- Field inspectors of petrochemical storage tanks
- Tank manufacturers
- Contractors

Course outcomes

- The principles of ultrasound
- How ultrasound is applied to leak detection
- The properties of leaks
- How to apply sound based techniques to diagnose leaks
- Learning practical techniques for different tank construction and installation environments

Dates

- Level 1 | 19 – 20 August 2019
- Level 2 | 21 - 22 August 2019

The facilitator

Tom Dalton

Mr Dalton is a reliability specialist at Martec a member of the Pragma Group.

He holds a National Higher Diploma in Electrical Engineering and gained experience at Eskom specialising in

He is an advocate of the extension of asset life through best practice.



For more information



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www.martec.co.za

Registration Form

Underground Storage Tank Tightness Testing by Acoustic Method Course

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

Learner details

Name and surname	Cell number	Email
Designation	Work phone number	Work fax number

Invoicing details

Company name			
Physical address			
VAT registration number		Purchase order number	
Postal address	Menu option: Standard or Halal		

Person responsible for payment

Name	Phone number	Email
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Course information

Course	Course dates	Cost per person (excl VAT)	X
Level 1	19 – 20 August 2019	R 11 000	
Level 2	21 – 22 August 2019	R 11 000	

Rates for South Africa only

Venue | Pragma Group, Waterfall Park, Treur Close, Midrand

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.

Terms and conditions of registration

- All applicants must complete this registration form in full and indicate menu options. Halal is charged over and above the course fee.**
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
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