

1-Day Training Programme Reply Card

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Score Training And Multimedia Productions Limited
VITAL Training & Conference Centre

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 Score Training And Multimedia Productions Limited™

OBJECTIVE

To provide attendees with knowledge, understanding and capability to use Acoustic Emissions technology to detect and quantify through valve leakage, using MIDAS Meter® valve leak detection equipment.

SCOPE

Basic training that covers all the fundamentals and technology associated with MIDAS Meter® operation, leak detection and quantification.

CONTENTS

The theory part of the course covers AE history, safe operation and maintenance of the MIDAS Meter® and PDA equipment. The hands-on element of the course gives delegates the opportunity to use the equipment and gain practical experience of basic leak detection, reporting, and monitoring activities.

WHO SHOULD ATTEND

Engineering (mechanical, instrumentation, process), and Technical personnel responsible for the operation, maintenance and troubleshooting activities, relating to leaking valves.

DURATION

1 Day training course

LOCATION

The course is delivered at Score's VITAL Training and Conference Centre in Peterhead, or at any other Score location, or on client premises, (by agreement only).

PLACES

Up to a maximum of 4 attendees per session.

ACCOMMODATION

Accommodation can be arranged on request.

CERTIFICATION

VITAL Training certificate of attendance is awarded to all delegates.

MIDAS [®]
meter

1 Day Training Programme

Acoustic Emissions (AE) Valve Leak Detection using MIDAS Meter[®]

*An innovative step-change
in valve leak detection
from Score Group plc*



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And Multimedia Productions Limited™

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Course Overview:

The aim of this course is to provide a fundamental understanding of Acoustic Emission Technology, and how this is used by the MIDAS Meter® for the detection of leaking valves. The course will extend to the MIDAS Meter® handset operation, software, troubleshooting, PDA operation and leak quantification.

This course provides an excellent introduction for maintenance personnel who are responsible for the safe, environmentally friendly and efficient operation of process plant and specifically valves.

What does the training course cover?

- An introduction to Acoustic Emissions (AE) Technology
- An introduction to the MIDAS Meter®
- Use of the MIDAS Meter® handset for Troubleshooting (theory and practise) and using a demonstration manifold to find a leaking valve.
- Use of the Personal Digital Assistant (PDA) and MIDAS Meter® software to record, analyse and store AE readings (theory and practise), including quantifying valve leakage rates.
- Download of data from PDA to PC and production of valve condition reports using MIDAS Meter® Communicator Software (Theory and Practise), including trending and reporting.



Course Presenters

Our team of presenters are qualified, time served engineers with an in-depth knowledge of valves. The course instructors not only deliver the training, but also design and develop the courses, aided by a fully integrated multimedia department within the Score Group of companies. Score Training provides the highest standard of theory (classroom based), and practical (workshop based), training courses.

MIDAS Meter® Features and Benefits

LEAKING VALVES represent a MAJOR SAFETY RISK, and are a MAJOR SOURCE OF PROFIT LOSSES

Find leaking valves with Midas Meter® long before detection by conventional methods or instrumentation. Avoid product losses to the flare, and fugitive emissions. Confidently prepare for maintenance outages, and avoid excessive valve damage due to prolonged leakage.

MIDAS Meter® Acoustic Emissions Valve Leak Detector gives the user the following capabilities:

- Quickly find leaking valves and quantify the leak rate
- Detect product loss to the flare, vents and drains
- Find leaking isolation valves, relief valves, control valves, check valves and steam traps
- Detect leaks as low as 0.1 litre per minute
- Prioritize valves for maintenance
- Benchmark valve performance during commissioning
- Provide leakage quantification in all pressurised media: Oil, Gas, Condensate, Water, Steam, Compressed Air

Acoustic Emissions (AE) Valve Leak Detection using MIDAS Meter®, A BLENDED LEARNING PROGRAMME

BOOKING FORM (Tear-off slip)

I wish to book attendance on the training programme as follows :-

Name :

Company :

Tel :

Fax :

E-mail :

Preferred Date :

Preferred Venue :

Please make me aware of any other training being offered by Score Group plc. (Tick = Yes Cross = No)

Cancellations will be charged at 100% if received less than one week before event.

Standard Terms & Conditions Apply

