



2KG TRAINING

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VIBRATION ANALYSIS-1

Presenter: Graham Scroggiam

ABOUT THE PRESENTER: Graham Scroggiam



Graham has over 25 years' experience in Vibration Analysis working across a wide range of industries such as Pharmaceutical, Oil & Gas, Utilities to name a few. Graham has been a Lead Engineer on Asset Management projects offshore in the UK since 2003. Graham has now moved into training the future generation of vibration practitioners.

Graham leads external training services for AVT Reliability and sits on the BINDT working groups for vibration analysis.

Graham's experience includes:

- Remote analysis and reporting to clients on and offshore in the UK & abroad
- Site surveys, implementation and commissioning of new condition monitoring programmes, both in the UK & abroad
- Review and update of existing condition monitoring systems including Rockwell Automation, SKF & Pruftechnik both UK & abroad

Number of days: 4

CPD Points: 4

BINDT EXAM: R6 000 (Optional)



Live Virtual Classroom

2KG Training Live Virtual Courses offer participants the same instructors, training systems, course materials, personal support, and face-to-face engagement with instructors and other participants that they would expect to find in a conventional classroom.

The Vibration Analysis-1 Live Virtual Course brings participants together in a virtual classroom, where they receive training from an expert via a live video link. Participants are interconnected via audio and video, enabling them to interact both with the instructor and with their classmates. Learners can speak to their instructor at any time to ask questions, request assistance, and instructors can provide hands-on support.

DESCRIPTION

This course is based on the ISO 18436-2 certification program vibration analyst category 1 syllabus and is designed to prepare staff for the British Institute of Non Destructive Testing (BINDT) PCN VA Cat 1 Certification Exam.

The course is accredited by BINDT PCN to CM GEN App D.

VA Cat 1 personnel are qualified to perform a range of single-channel machinery vibration condition monitoring and diagnostics of machines activities in accordance with ISO 17359 and ISO 13373-1.

WHO SHOULD ATTEND

Managers, Engineers, Analysts, Supervisors, Technicians and Operators who wish to learn about basic vibration monitoring and analysis in the areas of Operations, Maintenance, Engineering, Reliability and Condition Monitoring.

AFTER THE COURSE YOU ARE EQUIPED WITH

- Evidence of training to VA1 in accordance with ISO 18436-2 and BINDT PCN CM Gen App D
- Gaining skills in measuring vibration
- Awareness of typical vibration levels for a range of machines
- Understanding a basic range of VA techniques and single channel instrumentation
- Gaining practical approaches to practical vibration analysis and monitoring
- Awareness of key International Standards covering vibration condition monitoring

COURSE OUTLINE

This course is accredited by British Institute of Non Destructive Testing (BINDT) to train candidates to vibration analyst category 1 in accordance with the ISO 18436-2 certification program.

Unit 1

- Implementing Condition Based Maintenance
- Introduction to Vibration Monitoring
- Vibration Severity Measurement
- Practical Vibration Measurement

Unit 2

- Vibration Data Acquisition
- Principles of Vibration Analysis
- Vibration Spectral Analysis
- Practical Vibration Measurement

Unit 3

- Vibration Qualification & Assessment
- Introduction to Structural Resonance
- Vibration Analysis & Fault Finding
- Practical Data Collection

Unit 4

- Recognition of Poor Data
- Vibration Monitoring Survey
- Introduction to Balancing
- Training Examination & Course Review
- Optional BINDT PCN VA Cat 1 Exam*





Registration Form

Number of days: 4

CPD Points: 4

BINDT EXAM: R6 000 (Optional)

How to register for the course:

1. Complete this registration form and fax it to Phindi Mbedzi: Tel: 011 325 0686 Fax: 011 325 0488 Email: phindi@2kg.co.za
2. Acknowledgement will be emailed to you.
3. Final confirmation and details will be faxed or emailed to you approximately 7 days before the commencement of the seminar.

Cancellation Policy:

By signing and returning the registration form, the authorizing signatory on behalf of the stated company is subject to the following terms and conditions.

- All cancellations must be received in writing
- Any cancellations received less than 3 working days before the date of the event, the full fee will be payable and no refunds or credit notes will be given.
- If a registered delegate does not cancel and fails to attend the Workshop, this will be treated as a cancellation and no refund or credit note will be issued.

Delegate information:

Title: _____ Surname: _____ Name: _____
 Full Company name: _____ Job Title: _____
 Postal Address (to which invoice must be sent): _____

Code: _____ VAT number: _____
 Tel: () _____ fax: () _____
 Cell: _____ Email: _____

Contact/ Accounts information:

Title: _____ Surname: _____ Name: _____
 Tel: () _____ fax: () _____
 Cell: _____ Email: _____

Please tick the course that you would like to attend:

Live Virtual Classroom

- 5-8 September 2022 (4 Days)
R15 450.00 (excl VAT)
- 9 September 2022
BINDT EXAM
R6 000.00

I have read and agreed to all the conditions of registration as stipulated in this brochure.

 Signature Date

For more info and to register contact Phindi Mbedzi on tel: 011 325 0686 or cell: 071 125 6188 and email: phindi@2kg.co.za or visit www.2kg.co.za