



# LIST OF MIBoC APPROVED VIBRATION ANALYSIS TRAINING COURSES

ED009 Version 7

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## Introduction

Certifications for vibration analysis Category I, II, III and IV will be recognised if they are issued by a certification body which has been accredited to ISO/IEC 17024, ISO 18436-1 and ISO 18436-2 by a government appointed accreditation body.

## Approved Vibration Analysis Training Courses

The following list of training courses has been approved by the MIBoC Technical Committee as having met the pre-requisite training requirements for eligibility of the certification examination at the specified Category.

Please note that if more than one course is listed for a training organisation then all courses need to have been completed in order to meet the requirements.

You will be required to provide evidence of training completion from the approved training course, by providing a training course completion or attendance certificate, for the training requirement to be met for Certification.

For any queries, please contact the MIBoC Certification Manager at [certification@mobiusinstitute.com](mailto:certification@mobiusinstitute.com)

### Category I:

Training Organization	Course Description	Course Duration
Mobius Institute	VCAT I - Vibration Analysis Category I	3.5 days
Vibration Institute (USA only)	Introduction to Machinery Vibrations	4 days
Technical Associates of Charlotte	Entry Level Vibration Analysis	3 days
Emerson Process Management	Basic Vibration Analysis (Course 2031)	4 days
SKF	Vibration Analysis Entry Level (Course WI202)	4 days

### Category II:

Training Organization	Course Description	Course Duration
Mobius Institute	VCAT II - Vibration Analysis Category II	4.5 days
Vibration Institute (USA only)	Basic Machinery Vibrations	4 days
Technical Associates of Charlotte	Analysis I (Introduction to Vibration Analysis & Predictive Maintenance)	3 days
<u>PLUS</u>	<u>PLUS</u>	
Mobius Institute	Mobius TA CAT II Gap training	1 day
Emerson Process Management	Intermediate Vibration Analysis (Course 2032)	4 days
SKF	Vibration Analysis Level 1 (Course WI203)	5 days

### Category III:

Training Organization	Course Description	Course Duration
Mobius Institute	VCAT III - Vibration Analysis Category III	5 days
Vibration Institute (USA only)	Machinery Vibration Analysis	4 days
Technical Associates of Charlotte	Analysis II (Concentrated Vibration Signature Analysis and Related Condition Monitoring Techniques)	3 days
<u>PLUS</u>	<u>PLUS</u>	
Mobius Institute	Mobius TA CAT III Gap training	1 day

### Category IV:

Training Organization	Course Description	Course Duration
Mobius Institute	VCAT IV - Vibration Analysis Category IV Part 1 – Online component	4 days
	<u>PLUS</u>	<u>PLUS</u>
	VCAT IV - Vibration Analysis Category IV Part 2 - Classroom component	4 days
Vibration Institute (USA only)	Advanced Vibration Control (AVC)	4 days
	<u>PLUS</u>	<u>PLUS</u>
	Practical Rotor Dynamics and Modelling (RDM)	4 days
	<u>PLUS</u>	<u>PLUS</u>
	Advanced Vibration Analysis (AVA)	4 days
Mobius Institute	CAT IV Master Vibration Analysis – Online component	4 days
<u>PLUS</u>	<u>PLUS</u>	<u>PLUS</u>
Bently Nevada Baker Hughes	Advanced Machinery Dynamics (if completed after 1 Nov 2021)	5 days