EASA EAA CHAPTER TRAINING PROGRAM

EASA TRAINING 2024

Full Course Catalog

EASA®
The Electro•Mechanical Authority
EUROPE ASIA AFRICA CHAPTER

BUILDING COMPETENCE FOR THE FUTURE

EASA TRAINING 2024

EASA®
The Electro•Mechanical Authority
EUROPE ASIA AFRICA

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Learning is the only thing the mind never exhausts, never fears, and never regrets.

LEONARDO DA VINCI

ABOUT US

The Electrical Apparatus Service Association, Inc. (EASA) is an international trade organization of over **1,800** electromechanical sales and service firms in **80 countries**.

EASA Europe, Asia & Africa Chapter (Region 9) represents electromechanical sales and service firms based in Europe, the Middle East, Africa, and vast parts of Asia.

Our mission is to help members enhance their performance and achieve greater levels of success through education, information and networking opportunities.

WHAT WE OFFER

We are industry - leading international provider of specialised training. Hundreds of top companies have chosen EASA training courses to gain a competitive advantage

COMPETENCE IS A KEY DRIVER IN OUR INDUSTRY

EASA offers unique tailored training courses in different languages

EASA works with the best experts and trainers in our industry to create high-impact training programs

EASA is active in various standard bodies to set the standards in our industry

EASA's training materials, manuals and documents are recognised as essential references in the industry

EASA learning approach encourages continuous learning to enhance your skills

OUR STORY

HOW IT STARTED

EASA 9 Chapter started to deliver Ex Training courses in 2006 and since that time has delivered specialized and tailored Training courses every year with hundreds of participants.

YOUR TRAINERS

JOHN ALLEN

John is a very well-known top expert in our industry with a recognised reputation. He was Technical Director at BERL & Sulzer Dowding & Mills and has represented EASA on the BSI and IEC TC 31 standards committees BSI since 1994 and IEC Ex since 2003.

BJØRN MJÅTVEIT

Bjørn is an independent consultant in the rotating industry with a background from Norway's largest repair shop. He is certified according to IECEx CoPC 001, 003, 004, 006, 007 and 007. EASA Region 9, Chairman in Technical & Educational committee.

MARTIN KILLEEN

Martin is a qualified further education teacher with post-graduate management qualifications and a top expert with degrees in electrical and mechanical engineering. He is a chartered engineer and member of the IET. He is certified according to IECEx CoPC 001and 05.

YOUR TRAINERS

BRAM CORNE

Since 2012, Bram has focused on diagnosing electric machine failure modes and advising on proactive actions to optimize operational reliability. His core expertise lies in scientific research on vibration and electrical signature analysis (ESA/MCSA), driven by years of field experience

ANTOINE POINT

Antoine is a senior reliability engineer and rotating electrical machinery expert at I-Care. With almost 20 years of experience in large industrial maintenance companies (Alstom, GE), he excels in diagnosis, maintenance and repair of electrical production equipment and AC/DC motors.

EX ATMOSPHERE REPAIR AND OVERHAUL TRAINING

The purpose of this training is to ensure that all personnel repairing and overhauling Explosive Atmosphere Equipment are assessed or prepared to be assessed as competent within their specific role. It is a requirement for an Authorised Person to take responsibility for repair processes on Explosive Atmosphere Equipment and a requirement that they have Demonstrated their Competencies.

Courses available in Classroom and Live Online

3 EX TRAINING COURSES

Available in Classroom and Live Online

EX FUNDAMENTALS

Designed for anybody who needs awareness training in Ex Equipment and Overhaul. Ex Equipment Users, Commercial & Sales Management and personnel, but also technicians and engineers new to the field. (Strongly recommended before EX Full)

Duration: 1 day Time: 9 -17 CET
£400 GBP EASA Members
£450 GBP Non-members

EX FULL

Available to personnel with experience in EX Equipment. Certificates of Assessed Training will be awarded for personnel who have demonstrated the skill, knowledge and understanding to the standard defined for Operatives and Responsible Person.

Duration: 3 days Time: 9 -17 CET
£1580 GBP EASA Members
£1700 GBP Non-members

EX REFRESHER

Required for who has already attended an Ex Full Training and needs to renew his certificate (every 3 years).
The certificate will be renewed on satisfactory completion of the course and satisfactory overall grade in the formal assessments.

Duration: 2 days Time: 9 -17 CET
£750 GBP EASA Members
£825 GBP Non-members

WHY CHOOSE EASA EX TRAINING?

EASA has a unique team of 3 top Ex experts, 2 Trainers and 1 senior expert **IECEx** recognised.

EASA training participants have access to **best-in-class knowledge** and dedicated **follow-up workshops.**

EASA, with the recognised body, sets the **standards of knowledge** for staff repairing and overhauling Ex Atmosphere Equipment.

EASA training sessions are delivered by 2 **EASA high qualified trainers** and are available in-classroom or Live online.

ASSESSMENT & CERTIFICATION

The assessment program has been developed to address the outcome requirements detailed in IECEx 05 Scheme, Unit of Competency Ex 005.

The assessment is carried out by EASA European & World Chapter Ltd which has a long history of training and assessing candidates involved in the repair of equipment used in explosive atmospheres.

This scheme augments the IECEx competence scheme, which assesses the competence of a wide range of Ex personal.

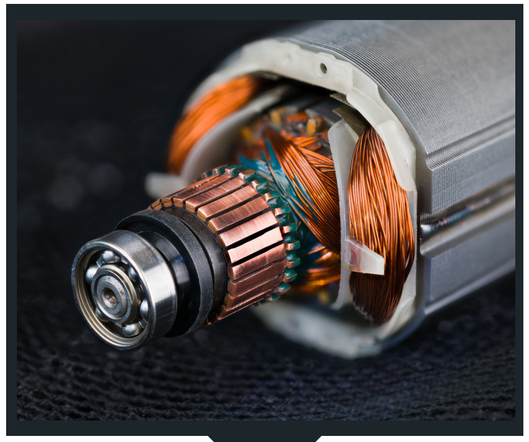
FORMAL ASSESSED COURSES RECOGNISE 3 GRADES

- Operator (overhaul and repair with supervision)
- Operator (overhaul and repair)
- Responsible Person

EASA SPECIALISED TRAINING

HIGH VOLTAGE WINDING BEST PRACTICE

MOTOR ROOT CAUSE FAILURE ANALYSIS



FUNDAMENTALS OF DC OPERATION & REPAIR TIPS

VIBRATION ANALYSIS

Duration: 2 days
Time: 9 -17 Central European Time (CET)

£900 GBP EASA Members
£1000 GBP Non-members
Discount offer > 5 participants

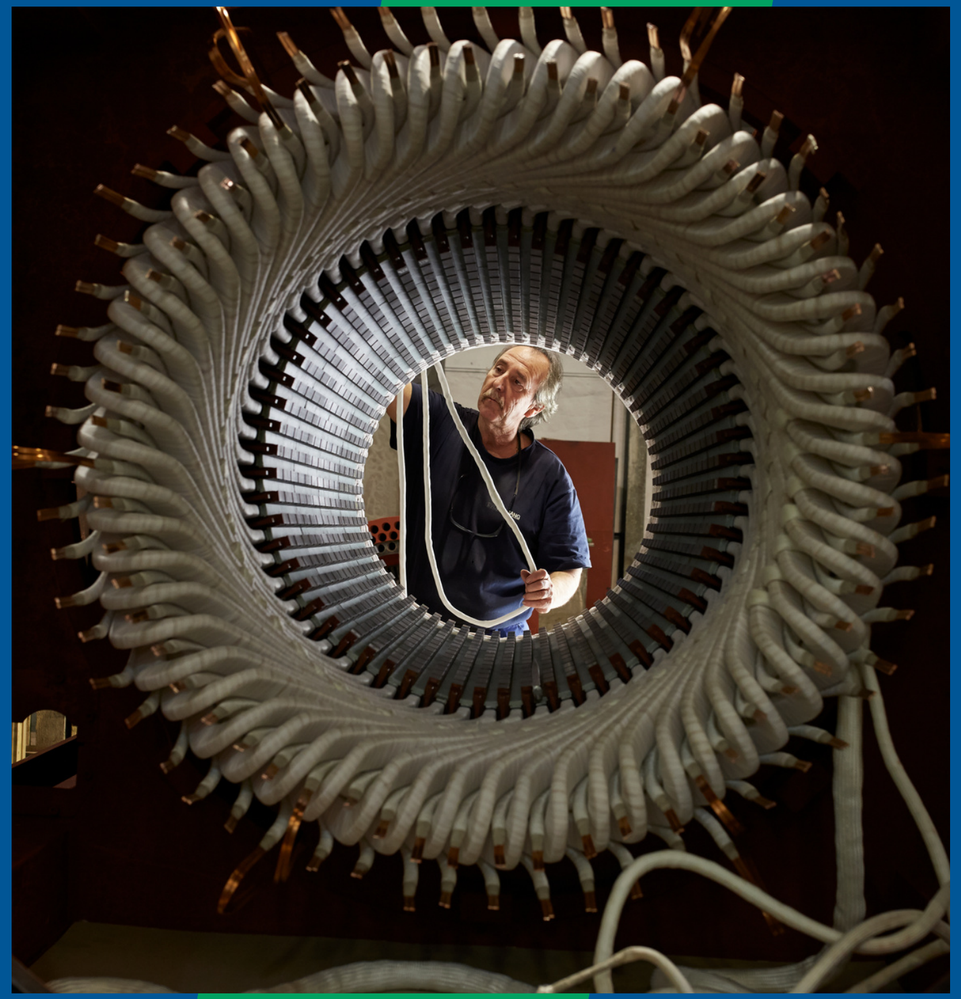
Available Online and in Classroom
Private sessions upon request (6 minimum)

HIGH VOLTAGE WINDING BEST PRACTICE TRAINING

The High Voltage Winding Best Practice training is a high-quality technical course that provides solid knowledge, both practical and theoretical, on best practice operations in High Voltage systems and equipment.

The 2-day course is divided into 4 sessions:

- Basic AC machine design theory & constrains
- HV Coil insulation & control of partial discharge
- HV Coil manufacturing & testing
- HV Winding best practices



MOTOR ROOT CAUSE FAILURE ANALYSIS TRAINING

This training is intended for anyone interested in understanding motor failures, and those who want to serve customers by addressing the cause of failure rather than the symptom.

An extensive resource manual includes hundreds of photos of a wide range of failures, with the likely causes listed, and a clear methodology for confirming the probable cause of each failure.

Each participant will also receive a PDF version of the manual with almost all photographs in colour.

FUNDAMENTALS OF DC OPERATION & REPAIR TIPS

The training will cover DC machine theory and operation, as well as repair tips. Topics will include testing and winding of armatures, fields, interpoles and compensating windings, machine work, balancing, assembly and final testing. The theory portion is structured so that it can be grasped by entry-level personnel, while the overall material is in-depth enough that those with 30 years of experience or more will benefit.

VIBRATION ANALYSIS TRAINING

This course is designed to address those shortcomings and provide fundamental training in vibration analysis and balancing that directly applies to technicians working in the service center. In addition, EASA service technicians commonly are called on to do field service troubleshooting and dynamic balancing in customer’s facilities. This training included tips for applying the fundamental knowledge of vibration analysis and balancing for these field service situations.

TRAINING SCHEDULE 2024

BOOKING CONDITIONS

- Prices are guaranteed when 6 or more participants sign up
- Registration and payment have to be finalized before the course

1st SEMESTER

30-31 Jan, **Ex Refresher** (online)

14-15 Feb, **Motor Root Cause Failure Analysis** (online)

20-22 Feb, **Ex Full** (online)

5- 6 Mar, **Fundamentals of DC Operation & Repair Tips** (online)

7 Mar, **Ex Fundamentals** (online)

3- 4 Apr, **Motor Root Cause Failure Analysis,** Belgium (Dutch)

24-25 Apr, **EX Refresher** (online)

14-15 May, **HV Winding** (online)

12-13 June, **Motor Root Cause Failure Analysis**, Belgium (French)

TRAINING SCHEDULE 2022

BOOKING CONDITIONS

- Prices are guaranteed when 6 or more participants sign up
- Registration and payment have to be finalized before the course

2nd SEMESTER

26-27 Sept, **EX Refresher**, Birmingham, UK

12-13 Oct, **Fundamentals of DC Operation & Repair Tips** (online)

16-17 Oct, **EX Refresher** (online)

13-14 Nov, **HV Winding** (online)

18-19 Nov, **Motor Root Cause Failure Analysis** (online)

21 Nov, **Ex Fundamentals** (online)

27-29 Nov, **Ex Full**, Birmingham, UK

YOUR TRAINING NEEDS

Are you looking for a private training at your location or live online for your staff and your customers?

Courses available in languages other than English, ensuring a comprehensive and inclusive learning experience.

Take your team's skills to the next level and contact us!

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REACH OUT

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