



GE VERNOVA

TRAINING CATALOG 2024

Power Conversion
Nancy, France





ROTATING MACHINES

Operation, Maintenance & Troubleshooting

Purpose

- Understand fundamentals of electrical machines
- Understand technology of rotating machines
- Understand and practice maintenance operations
- Understand troubleshooting methodology

Prerequisite

- Experience or knowledge into Rotating machines products
- Basic electrical knowledge
- Basic mechanical knowledge

Target audience

- Engineers/technicians for maintenance & operations

Segment

- Marine
- Oil & gas
- Industry, power, water, wind

APPLICATION

- Induction motors
- Synchronous motors
- High Speed motors
- POD
- Generators

CONTENT

1. FUNDAMENTALS OF ELECTRICAL MOTORS

- Electromagnetism
- Rotating fields
- Induction machines
- Synchronous machines
- Motor components

2. MANUFACTURING PROCESS

3. OPERATION

- Start-up
- Monitoring

4. MAINTENANCE

- Routine checks
- Minor and major tasks

5. TROUBLESHOOTING

- Failure modes
- Tests & checks campaign

Assessment: Quiz

Trainee's documentation

- Specific customer documentation
- Customized training materials
- Certificate of attendance

DURATION: 3 days (21 hours)

Training Code	RM OMT Physical
Max number of trainees	8
Price	Contact us

Contact

- GE Vernova's Power Conversion - 442, rue de la Rompure, 54250 Champigneulles (France)
- +33 (0)3 83 38 40 00
- Services.RMN@ge.com





ROTATING MACHINES

Installation & Commissioning

Purpose

- Understand fundamentals of electrical machines
- Understand technology of rotating machines
- Understand and practice maintenance operations
- Understand troubleshooting methodology

Prerequisite

- Basic electrical knowledge
- Basic mechanical knowledge
- Our training operation, maintenance & troubleshooting should be completed prior to this session

Target audience

- Engineers/technicians for maintenance & operations

Segment

- Marine
- Oil & gas
- Industry, power, water, wind

APPLICATION

- Induction motors
- Synchronous motors
- High Speed motors
- POD
- Generators

CONTENT

1. MOTOR STORAGE
 - Motor preparation
 - Power Conversion storage recommendation
2. MOTOR INSTALLATION
 - Motor lifting & handling
 - Motor installation
3. MOTOR COMMISSIONING
 - Motor soft foot/alignment
 - Motor coupling/connection
 - Motor start-up
 - Associated risks

Assessment: Quiz

Trainee's documentation

- Specific customer documentation
- Customized training materials
- Certificate of attendance

DURATION: 2 days (14 hours)

Training Code	RM IC Physical
Max number of trainees	8

Contact

- GE Vernova's Power Conversion- 442, rue de la Rompure, 54250 Champigneulle (France)
- +33 (0)3 83 38 40 00
- Services.RMN@ge.com





Particular conditions of sale 2024

Quotation inquiry for a training

We propose you to use the document included into our catalog. This document can be sent to us by post or fax after being filled and signed by 1 decision-maker (Department or Training manager). We will send you a commercial proposal, including available dates for the training required.

Training registration/convocation

After receiving your order (including the names of the trainees), we will send you:

- An acknowledgement of registration to the training course, including the list of additional information's needed to register each trainee
- A convocation in the name of the trainee
- An access map to our Training Center

Services

Our services include training by our instructor, the use of the Training Center equipment by the trainees and the provision of training documents to each trainee. On request, we can book hotel rooms for each trainee (in Power Conversion's qualified hotels).

Training price

The price of the training is given specifically for the training(s) required, and the number of trainees specified. The price will not be reduced in case one or more trainees do not attend the training.

- Trainees' traveling, meal and accommodation expenses are not included in the price of the courses
- Price of lunch: included if it is taken in our staff restaurant

- For training at site, the trainer expenses will be invoiced at real cost + 15%
- Our prices are quoted in Euros, net and free of taxes

Payment conditions

By Swift Transfer minimum 2 weeks before the training starts following receipt of invoice, or by irrevocable Documentary Credit payable at sight against presentation of a training certificate issued by Power Conversion after the end of the training.

Deferred training

Power Conversion reserves the right to cancel or postpone the training course if the number of participants is insufficient and will inform you accordingly at the earliest.

Cancellation/Withdrawal from training

- We take the greatest care to the composition of the groups. Any request to postpone or cancel will have financial consequences. Consequently, we offer you the possibility of replacing the prevented trainee by another person having the same profile, before the start of the training.
- In case of too late cancellation (less than 15 days before the course starts), we reserve the right to charge cancellation fees, which may reach 100% of the training price.

Training hours and duration

As a general rule our training courses start at 9.00 AM and end at around 5.00 PM. The schedule of the last training day is defined together with the group in order to enable the trainees, who must take a train or a plane, to be on time. A standard training day lasts 7 hours (35 hours in 5 days).



Particular conditions of sale 2024

Lunch

For all training courses held in our premises, the trainees are allowed to access the staff restaurant.

Royalties and copyrights

It is forbidden to copy the documents or software made available by Power Conversion for training purposes. Training material shall not be used, circulated or disclosed, either partially or fully, to any third parties. In case of violation, we will be entitled to receive damages.

In the interest of our customers, no dealer or training center is authorized to refer to Power Conversion's official courses, which may cause an ambiguity on the name, content, quality and proposed curriculum.

Safety regulations

During the entire training period in Power Conversion's premises, the trainees shall comply with the company's rules and safety regulations, which they will be informed of at the beginning of the training courses.

Prerequisites

For the courses given in English, the trainees shall have a good command of the spoken and written English language.

The specific prerequisites for each course are indicated in the relevant data sheet of the training list. They are a precondition to reach the training objectives.

Certificate of training

Power Conversion's customized certificate of training will be given to each trainee at the end of course.

Continuing education

All our courses can be held within the framework of continuing education.

Our training center is agreed by the French State Training Organization (number 11910769191).





GE VERNOVA

© 2024 GE Vernova. GE Vernova Proprietary Information - This document contains GE Vernova proprietary information. It is the property of GE Vernova and shall not be used, disclosed to others or reproduced without the express written consent of GE Vernova, including, but without limitation, in the creation, manufacture, development, or derivation of any repairs, modifications, spare parts, or configuration changes or to obtain government or regulatory approval to do so, if consent is given for reproduction in whole or in part, this notice and the notice set forth on each page of this document shall appear in any such reproduction in whole or in part. The information contained in this document may also be controlled by the US export control laws. Unauthorized export or re-export is prohibited. This presentation and the information herein are provided for information purposes only and are subject to change without notice.

GEA34936