



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

Assessment: Quiz

Trainee's documentation

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

DURATION: 3 days (21 hours)

APPLICATION

- Induction motors
- Synchronous motors
- High Speed motors (France)
- POD (France)
- 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

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 Champigneulle, Nancy, France
Mail: Services.RMN@ge.com
- Thomson Houston Way, Rugby, CV21 1BD, United Kingdom.
Mail: RMService.UK@ge.com

