

Energizing People > Powering the Future



Rotating Machines

Seminar No. 710

## Fundamentals of Electrical Motors

### Course Description:

This course introduces the fundamental principles of electrical motors. Participants will learn about electromagnetism, rotating fields, induction machines and synchronous electrical machines. Additionally, they will understand the different components of motors, such as bearing units, cooling systems, frames and instrumentation.



### Learning Outcomes:

Fundamental knowledge of the function of the components of electrical motors



### Prerequisites:

Fundamental knowledge of basic electrical engineering



### Participants:

Project managers, buyers, commissioning, operation and maintenance engineers



### Duration:

½ day

442 rue de la la Rompure  
54250 Champigneulle, France

T +33 3 83 38 42 23  
vanessa.guerard@ge.com