



STAGELEC
Training for
Maintenance of
electrical motors and
commutation function



The purpose of this training course is to enable users of carbon brushes to understand how they should operate correctly. When there is a problem, the condition of the brushes usually gives a clear message relating directly to the cause.

The course is designed to give you the ability to analyse the signs transmitted by the brush condition. This will result in better overall performance and ultimately reduce maintenance cost.

THE TRAINING COURSES

Maintenance of electrical machines and commutation

THE MEANS

Human Resources

6 people

Contents

- Quality, competence and field experience of the tutors.
- Video movie support.
- Room with audiovisual support.
- Documented training support.

Equipment

700 m² space with equipment in our electrical lab in Amiens.

- Industrial motors up to 225 kW.
- Traction motors up to 155 kW.
- Hopkinson group: 37 kW.
- Slip ring test bench with known deformation.
- Roughness meter.
- Profile meter.
- Electronic Dynamometer.
- Grinders...

OBJECTIVE

To provide the highest level

QUALITY

the Electrical Engineering Industry

The TOOLS

to reach the objective

Areas of competence

France - Export - Sales - Technical support

Product Managers
Area Agents
Bureau Technique Application
Motor Maintenance Service
Research and Development
Electrical Tests Laboratory

Our experience

- Technical support through our sales network to O.E.M., users and repairers.
- Technical advice
- Diagnostic visits and provision of technical report
- A data base of technical documents.

TRAINING COURSE

STAGELEC structure

Contents

- Presentation:
 - manufacture of raw materials,
 - the machining of brushes,
 - brush grade families and corresponding applications.
- Understanding the basic rules and functions of commutation.
- Analysing motor defects by observing the condition of the brushes.
- Using diagnostic and control equipment.
- Supervised practical work:
 - electrical techniques,
 - mechanical techniques.

Objectives

- To acquire a good technical analysis of brushes and their commutation function, in order to increase the life of both the brush and commutator.
- To understand the criteria needed for a correct diagnosis.

Who should participate

- Engineers, technicians, electrical maintenance personnel.

Pre.requisits

- A basic knowledge of electrical technique.

Duration of the training

- 3 days.

Procedure

- Personnel from different companies following the enclosed programme.

Cost

- See enclosed documentation.

For all information :

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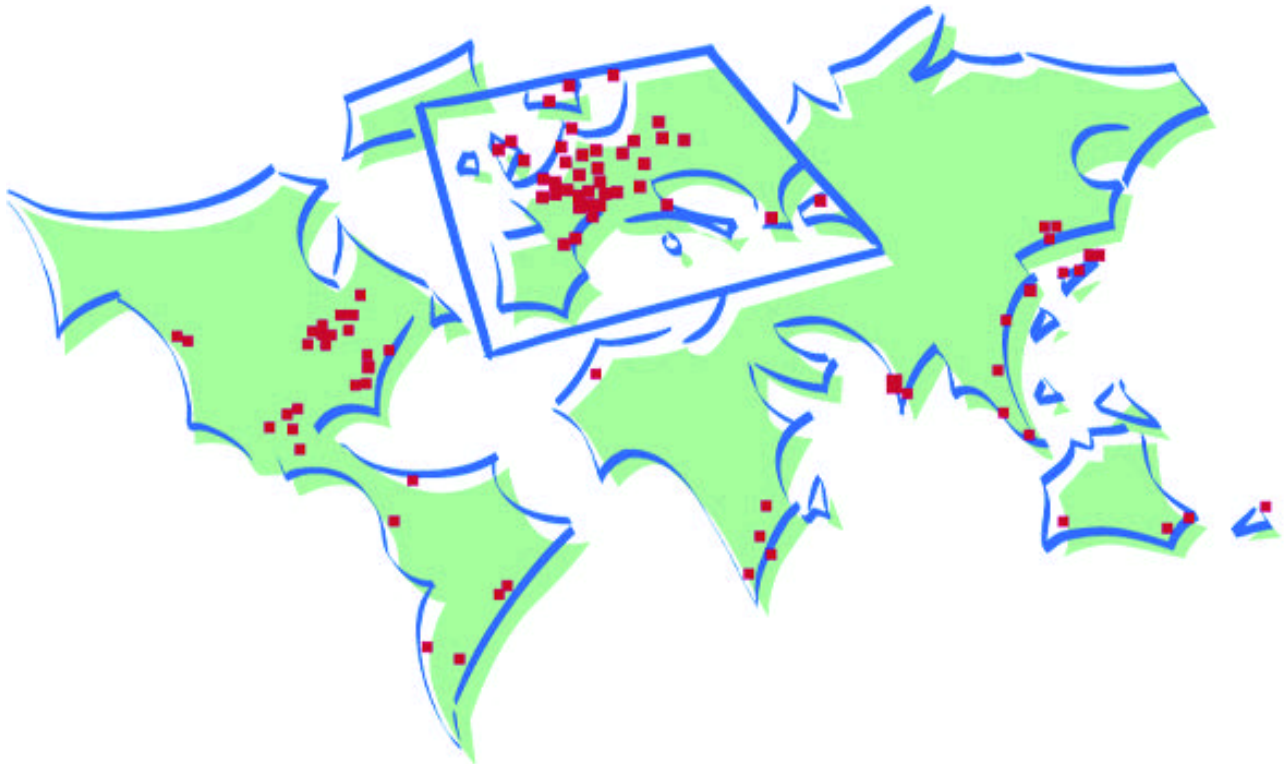


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