

STAGELEC Training (on Mersen's site)

OBJECTIVES OF THE TRAINING:

Be able to make a technical diagnostic of carbon brushes functioning on electrical machines in order to adapt preventive and corrective maintenance.

TRAINING PROGRAM:

- **Motor:**
Engine and generator operation, commutation and carbon brush basis.
- **Carbon and graphite:**
Different carbon and graphite categories, their production and impregnation processes.
- **Brush-holders:**
Functions, structure, parameters. Maintenance and adjustment.
- **Carbon brush:**
Different assembly types and components role.
Manufacturing process.
- **Commutation:**
Detailed carbon brush operation.
- **Applications:**
Creation and maintenance of the commutator film. Environment influence and solutions.
- **Technical module:**
Mechanical preparation of the commutator and electrical adjustment of DC machines.
- **Exchange of experiences** by case studies.



STAGELEC Training (on Mersen's site)

Training duration: 2 days.

Training date: to be defined.

Supports: Educational movie, test benches in the laboratory.
Paper support will be provided after training.

Number of participants: to be defined.
Mersen recommends a group of 10 people maximum.

This training is in conformity with continuing professional training and registered under the reference 22 80 01336 80 (Activity statement reference in France).

Lunch is provided at Mersen's site.
Accommodation and transport to Mersen's site is to be borne by participants.

Mersen also offers:

EXTELEC training
on customer's site and according to a
customized training curriculum

For more information: infos.amiens@mersen.com