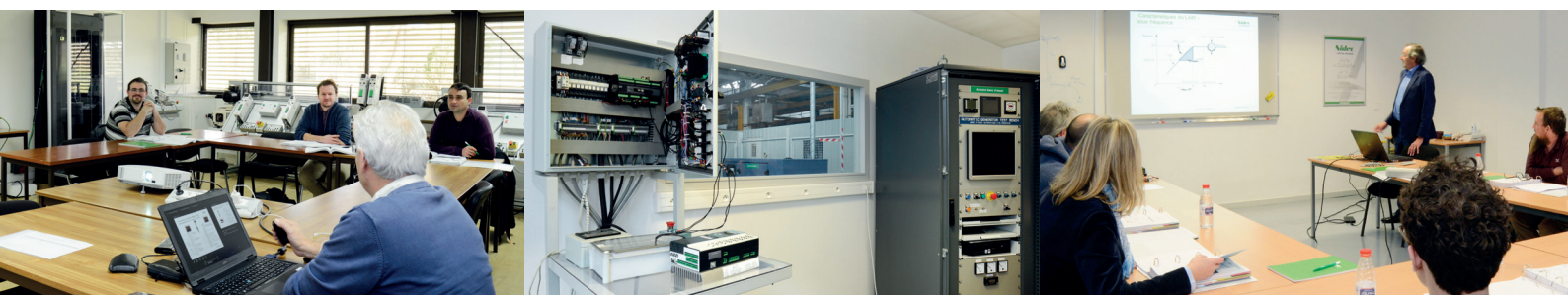


ALTERNATORS TRAINING

WIN ON EFFICIENCY

The design, commissioning, maintenance and operation of power generation assets using alternators require specific skills. By calling on Nidec Leroy-Somer for your training, you benefit from the expertise and know-how of the world leader in alternators up to 35,000 kVA. We are therefore in the best position to give you total control over your project or activity.



CHOOSING A LEROY-SOMER TRAINING MEANS IMMEDIATE RESULTS

- ✓ Faster interventions
- ✓ Better maintenance
- ✓ Improved failure detection
- ✓ Operation optimization

Most alternators failure result from a lack of maintenance, wrong configuration or use. Having staff specifically trained to handle alternators dramatically decreases the risk of downtimes.

TRAINING EXAMPLES

- For a major construction machine builder, we provided training and help for the definition of the alternators for a mining excavator
- We trained the African intervention team of a gas gensets engineering commissioning and maintenance company for decentralized power plants (20 people trained, 200 gensets fleet)
- Provided training to all the maintenance staff of an Independent Power Producer managing 4 power plants and 20 generators



CUSTOMER TESTIMONIALS

Over a hundred training sessions completed

97% satisfaction

"The course gives a very good understanding of the generator, both electrical and mechanical"

"The trainer is a very, very good explainer, very easy to understand the examples"

"Very clear and detailed training"

CUSTOM TRAININGS

Content is tailored to your needs and focused on your activity and priorities
for immediate operational results

★ OUR PROCESS ★

- Maintenance schedule building
- Commissioning, adjustments & configuration
- Faults detection
- Measuring
- Alternator assembly/disassembly
- User guides utilization
- Specification support on projects design phase

★ SPECIFIC EXPERTISES ★

- Rotating machines vibration and noise: detect abnormal situations, control installations
- Special applications: marine, hydro power, grid code, oil & gas, ...

TRAINING CATALOGUE

Alternators

- Understand how they work
- Discover the technologies
- Regulation modes overview and paralleling
- Discover help functions: LAM, U/F, AREP, ...
- Use case based on attendees experience

AVRs

- Install, configure, diagnose
- Presentation, parameters details, regulators connections
- Practical exercises: voltage regulation, power factor, kVAr, stability parameters and manual mode

GenOSys™

GenOSys is our remote monitoring system for power generation assets.

- Understand GenOSys™ architectures and operations
- Configure alerts on the web portal genosys.net during commissioning and according the applications specificities
- Understand alternator health diagnostics algorithms and how to analyze data and react during day to day operation of the system



To read the catalogue, scan the code or visit:
www.lrsm.co/training-epg-en



FOR WHO?

Engineer - Project manager - Maintenance technician - Design office - After-sale technician
End-user - OEM - Service center

CONTACT US!

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