SAFT TRAINING

Stationary Ni-Cd battery
Developing skills in operation & maintenance

Saft's suite of training programmes provides professional users with all the knowledge and skills needed to operate and maintain battery equipment and systems – including the safe installation.

OBJECTIVES

- Extend the life and improve the availability of your battery equipment
- Enhance the security and performance of your applications
- Ensure that correct and precise operations are autonomously carried out
- Provide immediate return on training investment

Professional profiles

- [ ] ENGINEERING
- [x] INSTALLATION
- [x] OPERATION
- [x] MAINTENANCE

AUDIENCE & APPLICATIONS

- Saft's customers and partners
- Typical stationary applications such as refineries, power plants, onshore or offshore oil & gas production sites, electrical substations, airport or building infrastructure

BENEFITS

MASTER	• Effective and efficient programmes provided by Saft's training professionals who are battery and application experts • Complete program to maximize your operational battery performance in complete safety
PRACTICE	• Training covers both theory and practice • Hands-on practical training on real-life equipment to instill the essential confidence required by all operators
SHARE	• High level of student interaction and participation ensures the program's effectiveness and relevance • Exchange with experts and counterparts to keep up to date with industry trends and developments

QUALIFICATION

- Training concludes through an "attendance certificate" following a final assessment that reflects the progress made by the participants.

PLACE

- Sessions from 4 to 10 people:
  - At Saft sites: Oskarshamn (Sweden), Bordeaux (France), and North Haven (USA)
  - At a customers' own location

LANGUAGES

- English and local languages on demand

DATES & PRICES

- For more information on schedule and prices, you can contact your local Saft representative and download the registration form on our website: https://www.saftbatteries.com/products-solutions/services

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COURSE TOPICS

Basic training course
Battery fundamentals

1 day training package

Code: FD -STA -Ni-Cd

To learn the fundamentals of Ni-Cd stationary batteries

Day 1 — Ni-Cd battery fundamentals

- Battery technologies:
  - Pocket plate (Standard and Recombining)
  - Sintered/PBE (Plastic Bonded Electrode)
- Battery electrical characteristics:
  - Charging characteristics
  - Battery discharge
- Water consumption and ventilation
- Overview of: battery sizing, battery installation & commissioning, safety rules

Advanced training course
Operation & maintenance

2 day training package

Code: OM -STA -Ni-Cd

To learn how to install, operate and maintain stationary Ni-Cd batteries for maximum service life

Day 1 — Ni-Cd battery fundamentals

Day 2 — Operation and maintenance

- Battery capacity & service testing
- Manufacturing process: factory tour
- Battery maintenance & troubleshooting
- Practical work on the job training

Customized training programmes

Saft also offers customized courses to support customer's specific training goals. Before conducting a specialized course, our training department will work with you to enhance our standard course content to maximize its relevance to your own equipment, operations and maintenance practices.

> "The "battery step by step" training course helped me in a number of ways, including structuring the knowledge I already had and teaching me how to install and maintain our battery."
>
> Chief Engineer at an onshore oil & gas plant

SAFT TRAINING

Battery fundamentals + Installation & commissioning + Preventive & corrective maintenance + Inspection & troubleshooting + End of life ▶ Maximize your battery performance

Saft

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