

TRAININGS ACADEMY: Heaters

Learning from the expert



Even the best products are not well received if the customer does not know how to handle them properly. It is thus a matter of particular concern to us that our expertise is passed on to all customers, service operations and workshops that work with our products on a daily basis, and continuously inform them about new developments. This is the only way we can ensure that our products function properly and that the vehicles are available on the road.

The Spheros Training Academy offers training courses tailored to the market and operating conditions. The trainings take place in our plant in Neubrandenburg or online. In addition to the standard training courses listed below, we also develop training courses tailored to your needs and hold them for a corresponding number of employees on site.

Basic training

- Introduction to the functions of Spheros diesel heaters
- Description of components
- Troubleshooting / diagnosis
- Repair and maintenance work

Attendees:

Workshop personnel with no experience in handling Spheros diesel heaters

Target:

Participants are familiar with the way the Spheros diesel heaters work and know which components are required for controlled combustion and how to proceed in the event of a fault.

Expert training

- Differences between the Spheros diesel heaters in terms of function and components
- Diagnosis and adjustment work
- Application and installation
- Application components

Attendees:

Workshop and service personnel with experience in handling Spheros diesel heaters, who want to refresh their knowledge or have to work with a new generation of heaters due to new vehicles.

Target:

Participants know the differences between the various types of heaters, their functionality, components and procedures in the event of a fault.



Basic training in high-voltage electrical heaters

- Introduction to the construction of the high-voltage heaters Thermo AC / Thermo DC / Thermo H
- Variants of the heater types
- Function of the heaters
- Electrical integration

Attendees:

Workshop and service personnel who are responsible for the maintenance and repair of high-voltage heaters.

Minimum requirement: Electrical specialist according to DGUV I-200-005.

Target:

Participants are familiar with the basic functionality and electrical integration of the Spheros high-voltage heating devices and are sensitized to the risks associated with handling high-voltage systems.

The training courses comprise a theoretical part, in which the structure of the components, their function and mode of action as well as specific properties are presented using presentations. A correspondingly large training room with a projector is required for this.

In the practical part, the assemblies with their individual parts and interfaces to the vehicle are discussed, the system is operated live and, if possible, connected to a diagnostic system. The latter is intended to demonstrate the possibilities of troubleshooting and adjustment work. As this part is undertaken on the vehicle, a bus with the appropriate heating devices should be available.

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