



Training: CNG Basics + LNG Module



In general

With the introduction of CNG- and LNG-powered vehicles, new technologies emerged in the automotive industry. There are also new risks associated with these technologies, which can lead to serious damage and injury if handled incorrectly. In particular the high pressure, the low temperatures and the cryogenic gaseous fuel makes that the risks differ from conventional vehicles and training of service staff is required.

The training is based on the Dutch guideline PGS26 “safe handling of CNG and LNG vehicles”. The training focuses specifically on basic knowledge about CNG and LNG vehicles and is therefore intended for anyone working with, and interested in CNG and LNG powered vehicles.

Content training

- History
- Developments of the natural gas market
- Natural gas as vehicle fuel
- Natural gas vehicle technology – basics
- CNG components – basics
- LNG – basics
- Hydrogen (very limited, introduction only)
- Practice (if a vehicle is available at all)
- Workshop equipment
- Maintenance and Repair
- Safety
- Regulations
- Infrastructure (CNG and LNG refueling)
- Calamities
- Questions and answers
- Examination (optional)

Target audience

Service staff, fleet managers, service station personnel, anyone who is interested in CNG and LNG for vehicles.

Practical information

The maximum number of participants is ten (10). The duration of the training is two half-days (about eight hours in total). Previous education or prior knowledge is not mandatory, but it is useful if there is some general technical knowledge, preferably automotive knowledge.

This training can take place at the client's location or at any location specified by RAP Clean Vehicle Technology.

Working methods

Theory & practice

Certification

An examination and/or certificate is optionally available. The qualification is based on the Dutch Branche Kwalificatie Systeem (BKS).

Qualification according to other national qualification systems (for example German FBHM-099) is optionally available.

Costs

On request