

# The Netherlands

## Training/certification of personnel for the safe handling of natural refrigerants

Johan Havinga  
NL Ministry of Economic Affairs and Climate



## Relevant NL national legislation:

- PGS13 (Publication hazardous substances-ammonia),
- NPR7600 (NL Code of Practice - CO2),
- NPR7601 (NL Code of Practice - Hydrocarbons)
- Activities Decree/Regulations for environmental governance
- Pressure Equipment Decree
- External Safety Decree - BEVI

Requirement for professional competence certificate

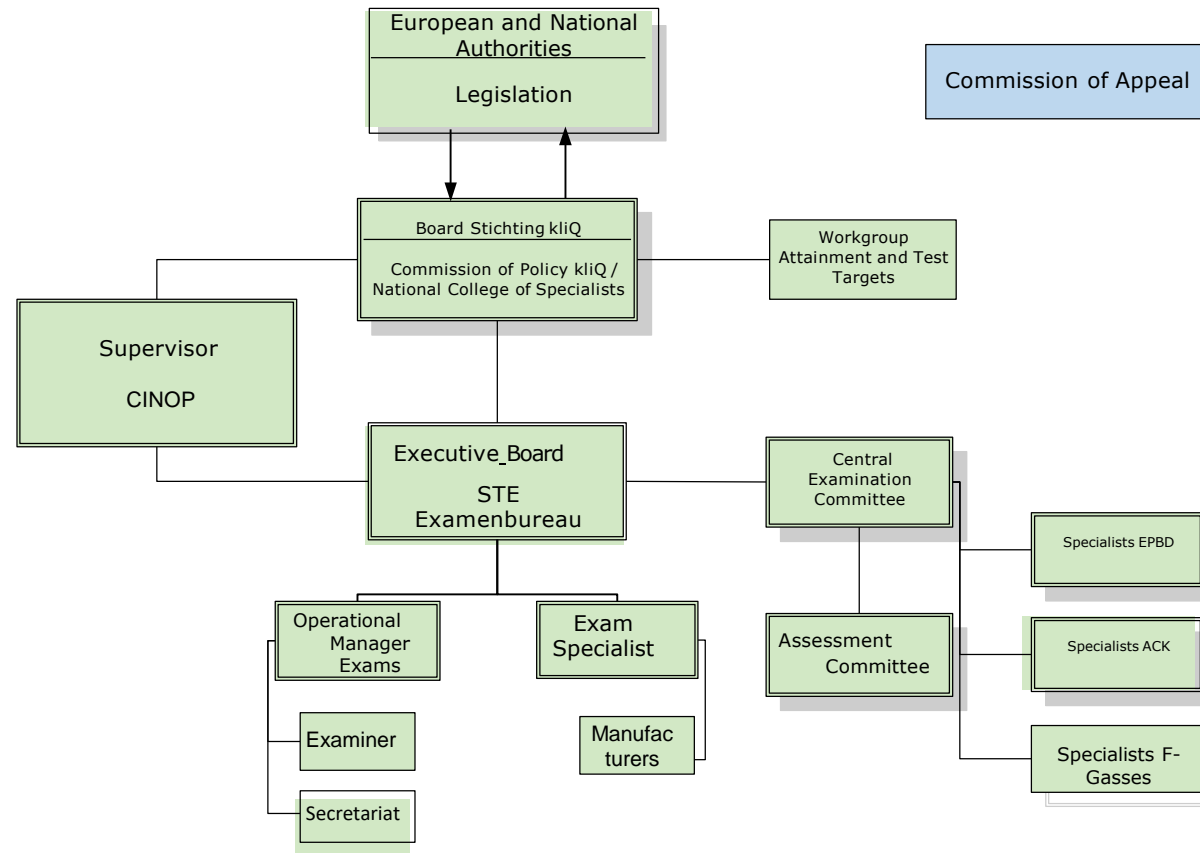


## Need for skilled personnel !

- Quality requirements for installers, maintenance companies and others
- End 2014: Branche initiative (NVKL ao) for system of self-regulation by certification;
- Together with owners and end-users of cooling installations
- All relevant stakeholders are involved
- KliQ foundation: certification, development/maintenance schemes, registry of certificates (Qbis)



# KliQ Certification scheme



## Status today:

- About 400 certified installers up to now
- More exposure about scheme needed
- Improve cooperation and involvement of stakeholders

## More information:

- [info@kliQ-certificering.nl](mailto:info@kliQ-certificering.nl)
- [https://www.nvkl.nl/certificering\\_natuurlijkekoudemiddelen](https://www.nvkl.nl/certificering_natuurlijkekoudemiddelen)

