



Test centre for green gases

- Analysis of biogas, producer gas from gasification, hydrogen
- Verification of measuring equipment
- Support for research and development projects
- Consulting services regarding green gases in the gas system

DGC has laboratory facilities for analysis, testing and provide consulting services regarding green energy gases, such as biogas, producer gas from gasification, hydrogen. The aim is to support the development needed to promote efficient, flexible and safe transport of green gases in the natural gas system.

Our services include

- Biogas analysis: Determination of composition and calculation of calorific value, density, methane number etc.
- Analysis of trace elements in biogas and biomethane: siloxanes, ammonia, H₂S and other sulphur compounds, chloride and fluoride compounds etc.
- Verification of equipment for continuous measurements on biogas, such as gas chromatographs, H₂S meters and oxygen meters
- On-site analysis on biogas, gasification and hydrogen plants.
- Determination of hydrogen quality to be used in fuel cells or hydrogen vehicles.
- Analytical support or hiring out of advanced analysis equipment for research and development projects.

Who are potential customers?

The test centre offers services to producers of green gases, end-users (e.g. CHP plants), equipment suppliers and R&D companies. Customers may under certain circumstances receive a discount through the Green Labs DK programme.

"Green" consultancy

DGC offers advice relating to injection of green gases to the existing natural gas system. This would include upgrading of biogas and producer gas from gasification to natural gas quality, gas quality requirements, setting up of required measurement systems and requirements to measuring accuracy, frequency and safety.

Please contact DGC for a quotation – see contact information overleaf.

**GREEN GAS**
TEST CENTRE



The Danish Energy Agency supports the new testcentre as part of the Green Labs DK programme.

PRODUCT SHEET

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Contact us

If you have any questions regarding the subjects described on the product sheet or other DGC services, you are welcome to contact us:

General questions

- Torben Kvist, direct tel: +45 2146 9506, e-mail: tkv@dgc.dk

Gasanalysis

- Leo van Gruijthuisen, direct tel: +45 29 13 37 61, e-mail: lvg@dgc.dk

Danish Gas Technology Centre

DGC is a consultancy and development company in the fields of energy and the environment. DGC's main focus area is gas and gas utilisation.

DGC offers analyses, measurement assignments, laboratory tests, verifications, training and certification for the gas industry, energy companies, suppliers, public authorities and consultants. Read more at www.dgc.eu.