



Advice and consultancy on safety aspects

- Gas regulations
- Gas filling stations
- Gas pipes
- Fire safety
- Risk analysis
- Breakdown investigations
- Potentially explosive areas
- Training

DGC and safety

Safety is a very important issue for society and for the individual company.

DGC has worked for many years with safety technological aspects and over the years we have given safety advice to a wide range of customers such as gas, plumbing and sanitation fitters and installers, consulting engineering companies, gas and energy companies as well as authorities and manufacturers of gas appliances.

DGC's experience on safety issues includes:

- Burner installations
- Combustible gases: natural gas, town gas, LPG, hydrogen, biogas and mixtures of biogases, various industrial gases
- Pipe systems
- Overall assessment of processing plants
- Gas utilisation in vehicles
- Safety testing of components
- Quality management systems for implementing companies

Interpretation of rules and regulations

DGC assists in interpreting and understanding different regulations and standards covering gas. On several occasions DGC has acted as advisor to developers regarding safety aspects for customers in the gas sector.

Burner installations

Over time DGC has developed gas burners and gas burner installations for a number of applications. Safety has a very high priority in this type of projects. Mostly, you are required to work according to the standard EN 746-2, specifying safety requirements for combustion and fuel handling systems for industrial thermoprocessing equipment. DGC carries out safety testing of complete systems or single components according to relevant standards and national rules and regulations.

Combustible gases

When using combustible gases you must pay close attention to safety

aspects, especially in regard to storage and handling of combustible gases. DGC offers to examine projects that include the use of industrial gases, to assess safety aspects and to give advice to developers and authorities in this area. Furthermore, DGC offers to carry out risk analysis and to calculate gas dispersion and consequences in the case of accidents.

Breakdown investigations

DGC can assist in investigations to clarify causes of accidents. Over the years DGC has carried out a wide range of such investigations on natural gas installations with burners or gas engines and on domestic LPG installations.

General risk analysis

DGC offers to examine processing plants and to carry out risk analysis of the individual processes. This analysis covers primarily the combustion and gas-fired processing installations, and not the mechanical installations.

Courses

As part of DGC's course programme we offer a number of general safety technology courses. In addition, we develop and implement courses specially directed at the individual company's employees – ranging from management to operators. Often the courses are held on the company's premises where it is possible to have practical exercises relating to the specific installations at the company.

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:

- Jytte S. Nielsen,
direct tel: +45 2016 9607,
e-mail: jsn@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.