

How IGR works

IGR is a joint community of companies working in the chemical and pharmaceutical field of business with the aim to trace technical standards in a competent and economical way.

The knowledge management of IGR is based on a network of experts belonging to the member companies and their Know-How. In order to operate the network the member companies send experts to project- and working groups of IGR's Competence Centers. The outcomes of expert work are published and made available for IGR members as "Guidelines Technik", the standards of IGR, test reports, reference notes, recommendations, reports of experience and other papers.

Your contact

Head of board

Dr. Rudolf Lehnert
c/o Sanofi-Aventis Deutschland GmbH
Industriepark Höchst, K 703, D 65926 Frankfurt am Main
phone: +49 69 305-84466, fax: +49 69 305-16692
email: rudolf.lehnert@sanofi-aventis.com

Assistant head of board

Jürgen Brandt
c/o Celanese Chemicals Europe GmbH
Industriepark Höchst, C 526, D 65926 Frankfurt am Main
phone: +49 69 305-6731, fax: +49 69 305-16391
email: juergen.brandt@celanese.de

Members of board

Head of Competence Center / Electrical Process Instrumentation and Control Technology/

Thomas Grein
c/o BIS Prozesstechnik GmbH
Industriepark Höchst, C 619, D 65926 Frankfurt am Main
phone: +49 69 305-17989, fax: +49 69 305-81774
email: thomas.grein@BIS.bilfinger.com

Head of Competence Center / Competence Centre Mechanic and Industrial Processing/

Karl-Ludwig Blumenthal
c/o Siemens AG I IA AS PA EC
Industriepark Höchst, B 598, D 65926 Frankfurt am Main
phone: +49 69 797-84573, fax: +49 69 797-84997
email: karl-ludwig.blumenthal@siemens.com

Head of Competence Center / Process Safety

Dr. Klaus-Jürgen Niemitz
c/o Clariant Produkt Deutschland GmbH
D 65840 Sulzbach am Taunus
phone: +49 6196 757-7312, fax: +49 6196 757-8964
email: klausjuergen.niemitz@clariant.com

Head of Competence Center / Materials Technology

Dr. Friedrich Stoll
c/o TÜV Süd Chemie Service GmbH
Industriepark Höchst, K 801, D 65926 Frankfurt am Main
phone: +49 69 305-7563, fax: +49 69 314980
email: friedrich.stoll@tuev-sued.com

Residential address

Interessengemeinschaft Regelwerke Technik (IGR) e.V.
Industriepark Höchst, K 703, D 65926 Frankfurt am Main
email: office@igrtechnik.de



Interessengemeinschaft Regelwerke Technik (IGR) e.V.

Community of Interests for Industrial Practices (IGR)



The Knowledge Platform for the Chemical and Pharmaceutical Industries

Our Goals

The mission of the IGR is to express and to represent the aims and interests of companies of the process and related industries as well as to provide a platform for the exchange of information and experience covering the entire life cycle of industrial plants. To achieve this IGR provides the economical and competent fundament for straight and proper

- Planning
- Licensing
- Construction
- Operation and
- Supervision

of plants of the processing and the power generation industries.


IGR's knowledge and know-how platform offers the following services:

- Systematic identification, supervision and tracing of relevant standards
- Development of operation procedures based on practical experience
- Periodical meetings with companies of the process industry and authorities due to harmonized realization of legal acts and technical standards
- Representation of interests in selected working groups on National, European and International level
- Approval of quality standards as well as validation of construction materials and selected testing and inspection methods
- Organisation of regular technical colloquia, seminars, trainings and exchange of experience



**Competence Center
Electrical Process Instrumentation
and Control Technology**

- Knowledge management in electrical engineering, process instrumentation and process control technology
- Organisation of working groups, technical lectures and projects
- Fields of activity
 - Process instrumentation and control
 - Electrical engineering
 - Electrical building service engineering
 - Process control systems
 - Plant safety management
 - Electrical explosion protection
 - Electrical instrumentation technique
- Type approval of actors and field devices as a result of collaboration between heads of working groups, experts and test laboratories.
- Information concerning topics related to electrical instrumentation and control technology
- Edition of test reports, process control engineering reports, reference notes and declarative statements
- Participation in National and International working groups of institutions like NAMUR, GMA, DKE, IEC, VIK and DECHEMA



**Competence Center Mechanic and
Industrial Processing**

- Knowledge management in the fields of mechanic and industrial processing
- Organisation and moderation of project teams
- Fields of activity
 - Design and construction of processing equipment
 - Piping technology
 - Machinery and aggregates
 - Transport technology
 - Tools for design and construction
 - Specification texts for purchasing
- Publisher of "Standards Aktuell" (periodical Info on standards and guidelines) and "IGR Guidelines Technik" (IGR standards) for entire IGR Competence Centers
- Organisation of internet database covering technical standards, regulations and industrial practices of IGR
- Investigation, tracing and organisation of National and International technical standards
- Participation in National and International working groups of institutions like DIN, VDI, VDMA, VCI, GVC, BDI/BDA, CEN, ISO
- Exchange of experience between IGR-members and other companies of the process industries



Competence Center Process Safety

- Knowledge management in the fields of process safety
- Organisation of working groups, and exchange of experience
- Fields of activity
 - Electrostatics
 - Prevention of electrostatically and mechanically induced explosion
 - Safe pipeline service
 - Operation of test equipment in areas of explosive atmospheres
- Keeping very specialized and rarely used investigation methods in operation for subsequent root cause failure analysis in case of accidents
- Tracing the technical state of the art by joining external expert teams (Process Net, VCI, Ex-Dienst, IGUS
 - Safety related parameters
 - Dangerous reactions
 - Safety proof design of plants and processes
 - Consequences of uncontrolled release of energy or chemicals
 - explosion protection
- Representation of members interests by joining standardisation committees like DIN, EN, ISO, KAS



Competence Center Materials Technology

- Knowledge management concerning materials and their properties for
 - Development, planning and operation of plants
 - Expert consultation of IGR members
- Organisation of working groups and exchange of experience
- Fields of activity
 - Glass lined equipment
 - Sealing technology
 - Welding technology
 - Corrosion protection
 - Corrosion and general condition monitoring
- Evaluation and development of material properties and related testing methods
- Concepts to secure proper quality standards for the purchasing process of technical equipment and material
- Auditing of producers, providers and contractors
- Evaluation of current topics in working and project groups
- Edition of reference notes and declarative statements
- Participation in National and International working groups of institutions like DIN, CEN, ISO, GfKorr, VdTÜV, DGZfP, DVS, DECHEMA, Process Net

