

# GvD Elektro-, Steuerungs- und Datentechnik GmbH

- [electrical engineering](#)
- [control engineering](#)
- [data processing technology](#)

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### 1. About us

#### 1.1 Enterprise

GvD Elektro-, Steuerungs- und Datentechnik GmbH is a medium-sized enterprise, which puts highest value on quality and customer satisfaction.

GvD Elektro-, Steuerungs- und Datentechnik GmbH was founded in 1993. Thanks to its technical equipment, its know-how, customer philosophy and reliability the newcomer soon developed into a middle class enterprise.

Since that time GvD Elektro-, Steuerungs- und Datentechnik GmbH has employed engineers, technicians, masters and mechanics from the fields of electro-technology, control engineering and data processing .

#### 1.2 Functions

As engineering company GvD Elektro-, Steuerungs- und Datentechnik GmbH covers the following fields of electro-technology, control engineering and data processing:

- Processing of complete projects  
Consulting, planning, design and support
- Planning  
Process data acquisition, project management  
Assembly/disassembly/repair, measurings, tests, repeated tests
- Support  
Maintenance, maintenance management, consulting

#### 1.3 Quality management QM

The primary goal of GvD Elektro-, Steuerungs- und Datentechnik GmbH is to meet its customers' requirements and wishes with the aim to ensure:

- The customer satisfaction
- Customer loyalty
- Ensurance and development of the market position.

Thanks to the QM certification according to DIN EN ISO 9001: 2000 we are able to supervise and control our annual goals concerning performance, personnel qualification, communication channels and business structure and to realise these goals optimally to ensure and improve our performance.

## **2. Performances**

### **2.1 Electrical installations**

Electrical installations in industry , service and administrative enterprises have to meet various requirements.

- GvD Elektro-, Steuerungs- und Datentechnik GmbH installs electrical installations after a detailed consultation and planning and supplies the required facility documentation .
- High-quality execution and material as well as an implementation in due time give the customer the necessary planning security during and after the installation.

### **2.2 Construction of special purpose machines**

GvD Elektro-, Steuerungs- und Datentechnik GmbH constructs special purpose machines in co-operation with the company Näscher SNV GmbH.

GvD Elektro-, Steuerungs- und Datentechnik GmbH is a system supplier for complete machine components.

### **2.3 Controls S7**

We plan and realize controls S7 for industrial plants.

- Prior to the planning company-specific parameters are analysed. This step also includes a consulting including time management to minimize and avoid loss of production now and in future.. The required quality of your production plant is assured by a professional assembly and the use of high-quality material as well as monitoring interfaces and components.

### **2.4 IT networks and TC units**

Efficient computer networks and telecommunication units are indispensable for the success of modern companies

Therefore, we advise, design and install such systems with greatest care.

### **2.5 Measurements/analyses/evaluations**

- Mains voltage analyses
- Infrared thermography/thermal imaging
- EMV measurements
- Evaluations of lighting systems according to regulations ZH 1/190 (Accident prevention & insurance association)
- other special services

### **2.6 Tests**

Tests are necessary for safety, economical and legal reasons.

GvD Elektro-, Steuerungs- und Datentechnik GmbH carries out the following tests:

- BG V A3 (electro-technology)

### **2.7 Maintenance**

Maintenance and repair ensure the safety of your staff and production.

- For the maintenance and repair of industrial plants and machines we use the current process control and carry out additionally weakpoint analyses in order to prevent failures.
- The scope, duration and frequencies of the maintenance as well as repairs are agreed by contract.

### 3. References

#### 3.1 Customer reference/clients

**(1) Näscher-SNV GmbH, Wetter (Ruhr)**

Industry/products:  
Mechanical engineering

Activities:  
• Construction of special purpose machines  
• Maintenance and repair  
• Weakpoint analysis  
• Installations  
• BGV A3 tests

**(2) Ruhr Universität Bochum**

Industry/products:  
Educational institution

Activities:  
• Laboratory current distributions  
• BGV A3 tests

**(3) Maschinenfabrik Kampf GmbH & Co. KG, Wiehl**

Industry/products:  
Mechanical engineering

Activities:  
• Construction of special purpose machines

**(4) Bleistahl Produktions GmbH & Co. KG, Wetter (Ruhr)**

Industry/products:  
Sinter products

Activities:  
• Controller design  
• Construction of special purpose machines  
• Maintenance and repair  
• Weakpoint analyses  
• BGV A3 tests

**(5) York Kältetechnik GmbH, Flensburg**

Industry/products:  
Mechanical engineering

Activities:  
• Installations

**(6) SMI Handlingsysteme GmbH, Wetter (Ruhr)**

Industry/products:  
Mechanical engineering

Activities:

- Controller design

**(7) STD Schweißtechnik Düsseldorf GmbH & Co. KG, Wetter (Ruhr)**

Industry/products:  
Mechanical engineering

Activities:

- Construction of special purpose machines
- Maintenance and repair
- Weakpoint analysis
- BGV A3 tests

**(8) Lemo Maschinenbau GmbH, Niederkassel**

Industry/products:  
Mechanical engineering

Activities:

- Construction of special purpose machines
- Controls

**(9) Plus Warenhandelsgesellschaft GmbH, Moers**

Industry/products:  
Food Discounter

Activities:

- Maintenance and repair
- Installations
- Weakpoint analysis

**(10) Schenker Deutschland AG, Hagen**

Industry/products:  
Logistics

Activities:

- IT support
- Installations
- Maintenance and repair

**(11) Steinwerke Wilhelm Köster GmbH & Co. KG, Hagen, Werdohl**

Industry/products:  
Mechanical engineering and toolmaking

Activities:

- Controller design
- Maintenance and repair

**(12) Pilkington Flachglas Automotive GmbH, Witten**

Industry/products:  
Vehicle glass

Activities:  
• Installations

**(13) Gebr. Zobel & Co. Speditionen GmbH, Wetter (Ruhr)**

Industry/products:  
Forwarding agency

Activities:  
• Installations  
• Maintenance

**(14) Kania Lichtsysteme GmbH, Witten**

Industry/products:  
Lights

Activities:  
• Construction of special purpose machines

**(15) Aluminium Norf GmbH, Neuss**

Industry/products:  
Aluminium rolling mill/various aluminium products

Activities:  
• Controller design

**(16) Carl Dan. Peddinghaus GmbH & CO. KG, Ennepetal**

Industry/products:  
Drop forge

Activities:  
• Controller design

**3.2 Example of a project**

Project /Branche:  
Construction of special purpose machines

Planning and design of subsystems for assembly lines.

## 4. Services

### 4.1 Services

#### 4.1.1 On-call service:

On-call service for industrial enterprises according to contractual agreements for electrical -, control and data processing technology units

- Day-long service
- Week-end service

#### 4.1.2 Infrared thermography/thermal imaging

Separate analyses or regular acceptance

- Prevention tests to increase the operating reliability
- Infrared thermography of complete units to analyse thermal abnormalities

### 4.2 Technical terms

#### **Tests according to BGV A3**

Comparable to e-checks

Accident prevention tests, i.e. personal and object security at electrical facilities and operating means in companies and administrations

#### **Infrared thermography/thermal imaging**

Infrared thermography cameras produce images of invisible infrared "heat" radiation or thermal energy emitted from an object and provide precise non-contact temperature measurements. Complex surface temperature distributions can be compared fast and comfortably and evaluated with regard to quality and quantity.

## 5. Contact

### Contact

GvD Elektro-, Steuerungs- und Datentechnik GmbH  
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### Contact person:

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Friedhelm Gerlach, managing director  
*Phone:* +49 23 35/7 18 80

## **6. Imprint**

GvD Elektro-, Steuerungs- und Datentechnik GmbH  
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Commerzbank Witten  
Bank code 452 400 56, account no. 4213310



# CERTIFICATE

The TÜV CERT Certification Body for QM-Systems  
of RWTÜV Systems GmbH

hereby certifies in accordance with TÜV CERT  
procedure that

**GVD** *Elektro-, Steuerungs-  
und Datentechnik GmbH*

Am Leiloh 6  
58300 Wetter-Wengern/Germany

has established and applies a quality system for

- Planning and assembly of electrical plants and control systems
- Maintenance of industrial plants and machines
- Measuring, checkups, analysis and special services

An audit was performed, Report No. **20640160**

Proof has been furnished that the requirements according to  
**DIN EN ISO 9001 : 2000**

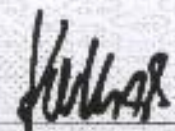
are fulfilled. The certificate is valid until **December 27, 2007**

Certificate Registration No. **04100 20041758**



Essen, 28.12.2004

**RWTÜV**

  
The TÜV CERT Certification Body for QM systems  
of RWTÜV Systems GmbH