



DIPL.-ING.
GUIDO GRUCHOTT

Sachverständiger und Berater für Maschinen
Maschinensicherheit & techn. Dokumentation
Sicherheitsingenieur & Laserschutzbeauftragter



Services

With my services I would like to support you with your daily challenges concerning, e.g.:

- Placing and operation of machines and industrial plants on markets
- Preparation of risk analysis in reaction to the provision of work equipment
- Support for drafting, writing and reviewing technical documentation
- Realization & application of the Occupational Safety and Health Act
- Adherence of the workplaces ordinance, Ordinance on Industrial Safety and Health (BetrSichV), Construction Site Ordinance (BaustellV)
- Periodic tests of work appliances according to UVV and TRBS, etc.
- Obligations adherence of operators according to the Accident Prevention Regulations
- Preparing hazard assessments / explosion prevention documents (GefStoffV)
- Consulting concerning an preventative and integrated fire protection

Expert assessments

- Loss, cause and value assessments for machines
- Conservation of evidence for loss adjustments
- Investigations on causes of loss
- Cause of loss reconstruction
- Loss analysis
- Repair costs determination
- Machine value assessments for insurance institutes & banks
- Analysis on transport damages
- Assessments relating performance increases of machines
- Evaluation of transportation damages
- Expert reports and consulting for machine and industrial plants, incomplete machines, partial machines, and fixtures

Technical Documentation

Reviewing and consulting concerning technical documentation, as:

- Research on standards and regulation
 - Risk analysis and evaluation
 - Operating & Installation instructions
 - Operating instructions
- according e.g. the Machinery Directive 2006/42/EG and the applying policies, DIN EN 82079-1, ANSI Z535.6, etc.

Accident Prevention Regulation Tests (UVV)

Periodic tests of work equipment according to the Technical Rules for Operational Safety (TRBS), and the Accident Prevention Regulation (UVV)

- Crane systems, load handling devices, winches and hoists
- Presses, power-operated gates
- Hydraulic lifts and vehicular lifts
- Forklift trucks, storage facilities, storage & retrieval vehicle, industrial robots, etc.

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Mitgliedschaften



Mitglied des VDI



Occupational Health and Safety Management

- Support in the implementation of health and safety management systems at work (SGA-MS) according to DIN ISO 45001
- Execution, controls, consulting

CE – Compliance of machines

- Compliance tests of machines and industrial facilities according to the Machinery Directive 2006/42/EG and the applying policies
- Identification of points of danger and hazards
- Development and construction of safety concepts in order to prevent and reduce danger in collaboration
- Issuing risk assessments according to the Machinery Directive 2006/42/EG
- Consulting services relating inherent safe construction according DIN EN ISO 12100 of machines and the conduction of safety technology for machines and industrial plants
- Consulting services relating the construction of “safe machines” and safety engineering for machines and industrial facilities
- Consulting services for repairs, updates and upgrades of machines under consideration of economic factors and required protective measures

Explosion protection

- Preparing hazard assessments / explosion protection documents according to Ordinance on Hazardous Substances (GefStoffV)

Fire protection

- Support with the setup of an operational fire protection organisation
- Determination of the current status of the fire protection
- Preparation of fire protection analysis, fire protection concepts and fire protection codes
- Audit and consulting concerning a preventative and integrated fire protection as fire prevention officer
- Preparation of escape and rescue plans

Work equipment

- Work equipment assessments according article 5 of the Directive on safety for work appliances 2009/104/EG. (Arbeitsmittelrichtlinie, European Law)
- Risk assessments according § 3 of the Ordinance on Industrial Safety and Health (BetrSichV, German Law)
- Work equipment assessments according § 10 of the Ordinance on Industrial Safety and Health (BetrSichV, German Law)

Safety related services

Safety related services” as external professional in work safety, i.e. according to the Accident Prevention Regulations (UVV, German Law)

SiGeKo

Health & Safety Coordinator according to the Construction Site Ordinance (BaustellV, German Law)

Training & Coaching:

- CE – compliance of machines
- National and european policies
- Issuing technical documentation

Target audience: foremen, technicians, constructors, project leaders, executives, managing directors



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Expert in special purpose engineering, machinery & work safety with more than 25 years of experience
More than 20 years of experience relating international standards for machine engineering and machinery & work safety

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