



**INTERNATIONAL ELECTROTECHNICAL COMMISSION SYSTEM FOR  
CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR  
USE IN EXPLOSIVE ATMOSPHERES (IECEx SYSTEM)**

**Title: IECEx Assessment Report for the acceptance of Bureau Veritas Consumer Product Services (Germany) GmbH - as an IECEx Certification Body (ExCB) within the IECEx System.**

**To: Members of the IECEx Management Committee, ExMC**

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**INTRODUCTION**

**This document contains the IECEx Assessment Report for the acceptance of *Bureau Veritas* as an Accepted IECEx Certification Body (ExCB) within the IECEx System.**

**This report is hereby submitted for voting.**

**Please consider this assessment report and return the completed voting form (The Voting Form is a separate document - in Word Format) to the IECEx Secretariat by **2011 05 10**.**

**Your speedy response to the voting process will be very much appreciated.**

*Chris Agius*

**Chris Agius  
Secretary IECEx**

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**SAI Global Building**  
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**<http://www.iecex.com>**





# **IECEX ASSESSMENT REPORT for Bureau Veritas Consumer Product Services (Germany) GmbH, Türkheim, Germany IECEX Certification Body, ExCB**

## **Type of Assessment:**

Initial Assessment for Candidate ExCB X

~~Re-Assessment of ExCB~~\_\_\_\_\_

~~Scope Extension of ExCB~~\_\_\_\_\_

## **1. OBJECT AND FIELD OF APPLICATION**

### **1.1. Country:**

Germany

### **1.2. Name of Candidate ExCB**

Bureau Veritas Consumer Product Services Germany GmbH

### **1.3. Members of the Assessment Team**

Heinz Berger - IECEx Officer - IECEx Lead Assessor  
Alexander Zalogin IECEx Expert Assessor (off-site during follow-up assessment)  
Nicholas Ludlam IECEx Expert Assessor

### **1.4. Place and Date of Assessment**

Bureau Veritas Consumer Product Services Germany GmbH  
Businesspark A96  
86842 Türkheim, Germany

First Site Visit:

**July 7th – 9th, 2010 and**

Follow up Visit

**December 9th - 10th, 2010**

### **1.5. Assessment References**

- i) IECEx 02 Third Edition 2006-11 – Equipment Certification Program covering equipment for use in explosive atmospheres, – Rules of Procedure
- ii) IECEx OD 003 IECEx Assessment procedures



- iii) IECEx OD 005 Quality System requirements for manufacturers
- iv) IECEx OD 007 IECEx ACB Assessment Checklist for ISO/IEC Guide 65
- v) IECEx OD 009 Issuing of CoCs, ExTRs and QARs
- vi) IECEx Document OD 025 (ExMC/161/CD) Management of assessment and surveillance programs for manufacturers (includes QAR forms)
- vii) IECEx Document F-001 (QAR Form)
- viii) ISO/IEC Guide 65:1996
- ix) IECEx OD 17 Drawing and documentation Guidance for IECEx Certification
- x) ExCB application documents dated 16.10.2009

### 1.6. Scope of Application

Number	Title	Acceptance
60079-0 2007	Explosive atmospheres - Part 0: Equipment - General requirements	YES
60079-1 2007	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures 'd'	YES Up to 3 projects to be presented to the assessment team (LA)
60079-2 2007	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosures 'p'	YES
60079-5 2007	Explosive atmospheres - Part 5: Equipment protection by powder filling 'q'	YES
60079-6 2007	Explosive atmospheres - Part 6: Equipment protection by oil immersion 'o'	YES
60079-7 2007	Explosive atmospheres - Part 7: Equipment protection by increased safety 'e'	YES
60079-11 2006	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety 'i'	YES Up to 3 projects to be presented to the assessment team (LA)
60079-15 2010	Explosive atmospheres - Part 15: Equipment protection by type of protection 'n'	YES Up to 3 projects to be presented to the assessment team (LA)
60079-18 2009	Electrical apparatus for explosive gas atmospheres - Part 18: Construction, test and marking of type of protection encapsulation 'm' electrical apparatus	YES
60079-25 2003	Explosive atmospheres - Part 25: Intrinsically safe systems	YES
60079-26 2006	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga	YES
60079-27 2008	Explosive atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO)	YES



Number	Title	Acceptance
60079-28 2006	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation	YES "op is" only
60079-30-1	Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements	YES
60079-31 2008	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"	YES
61241-0 2004	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements	YES
61241-1 2004	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures 'tD'	YES
61241-1-1 2004	Electrical apparatus for use in the presence of combustible dust - Part 1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus	YES
61241-4 2004	Electrical apparatus for use in the presence of combustible dust - Part 4: Type of protection 'pD'	YES
61241-11 2005	Electrical apparatus for use in the presence of combustible dust - Part 11: Protection by intrinsic safety 'iD'	YES
61241-18 2004	Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation 'mD'	YES
62086-1 2001	Electrical apparatus for explosive gas atmospheres – Electrical resistance trace heating – Part 1: General and testing requirements	YES

### 1.7. Candidate ExCB Persons Interviewed

Name	Position
Achim Hänchen	Head of certification body
Guido Kuttler	Technical director, deputy of certification body

### 1.8. Legal Entity of the Candidate ExCB

Bureau Veritas Consumer Product Services Germany GmbH is registered under number HRB 3564, Local Court Register Schwerin, Germany.



### **1.9. Associated Testing Laboratories**

The ExCB is integral with the ExTL. Location is Türkheim, Germany. However the scope of Bureau Veritas Consumer Product Services (Germany) GmbH BV as a proposed ExTL does not include IEC 62086-1 and IEC 60079-30-1 (see report ExMC/667/DV ExTL). Therefore BV DE has an agreement to subcontract, to an approved IECEx TL, with the Assessment Team confirming that agreements in place meet requirements of the IECEx System.

### **1.10. Associated Certification Functions**

The certification Body of BV Germany issues certificates under the ATEX, GS (German "Gerätesicherheitsgesetz") and the IECEE CB Scheme. BG certification (BV specific type testing).

### **1.11. National Marks and Certificates**

ATEX, GS, BG ("Bauart geprüft"; type testing BV specific)

### **1.12. Financial Support**

BV Germany has the financial stability and resources required for the operation of the IECEx CB from income fees for testing, auditing and certification customer training.

### **1.13. History**

BV E&E Product Services GmbH located in Türkheim (Germany) was created by Bureau Veritas in September 2007. It integrates most of the activities of Innova, a privately owned company created in 2000, bought in January 2007 at 100% by Bureau Veritas and located in Kaufbeuren. Since 18<sup>th</sup> of August 2009 the fusion has been completed to BV CPS Germany GmbH.

Since September 2007 BV CPS Germany GmbH is currently issuing documents of compliance, in different areas like: Prüfbescheinigungen (CE), Unbedenklichkeitsbescheinigungen; GS-Certificates and BG- Certificates, in the field of electrical safety (Power Supply for Office/ Lab equipment, Battery loader, Luminaires, IT, household appliances, Medical and ATEX). Faithful to its origins BV E&E PS GmbH provides testing services to different customers in the areas of IEC 60950, 60335, 60601, 61558 and 61010.

BV CPS Germany GmbH has especially experiences in testing of power supply for IT equipment and medical devices. It currently conducts Factory Inspections for these products under the BV-GS- and BV-BG- Mark.

Since 2007-09-01 the BV CPS Germany GmbH operates a facility of around 1300m<sup>2</sup> in the Industrial Business Park of Türkheim, which enables highly effective testing.



#### 1.14. Standards Accepted

See clause 1.6 of this report.

#### 1.15. National Differences to IEC Standards

German National Differences to IEC Standards are included in the European National differences in the IECEx Bulletin.

## 2. ORGANISATION

### 2.1. Names, Titles and Experience of the Senior Executives

Name	Title	Experience Ex/Overall
Dr. Manfred Mayer	CEO	20 years
Guido Kuttler	Technical director, deputy of certification body	1 / 10 years
Achim Hänchen	Head of certification body	3 / 20 years
Dr. Hartmut Franz	Certifier	30 years

### 2.2. Name, Title and Experience of the Quality Management Representative

Name	Title	Experience
Achim Hänchen	Head of certification body and Quality Manager	20 years
Stefanie Grewing	Deputy Quality Manager	9 years
Tanja Rottach	Deputy Quality Manager	5 years

### 2.3. Name and Title of Nominated Principal Contact

Name	Title	Comments
Achim Hänchen	Head of certification body and Quality Manager	<a href="mailto:achim.haenchen@de.bureau-vertitas.com">achim.haenchen@de.bureau-vertitas.com</a>

### 2.4. Name and Title of Signatories for Certification

Name	Title	Comments
Achim Hänchen	Head of certification body	20 years
Guido Kuttler	Technical director, deputy of certification body	10 years
Dr. Hartmut Franz	Certifier	30 years

### 2.5. Other Employees in ExCB activity

Name	Title	Responsibility and Experience in Ex
Franziska Kuster	Assistance, certification body	Assistance, new



Name	Title	Responsibility and Experience in Ex
Andrea Bracht	Assistance, certification body	Assistance, 1 year

## 2.6. Organizational Structure

See **ANNEXES 1a, 1b and 1c** concerning the organization of BV Germany and BV Germany Türkheim.

## 2.7. Administration (including Indemnity Insurance)

The ExCB of BV Germany has a well organized administration office.

BV Germany holds indemnity coverage from ERGO Versicherungs AG, Victoriaplatz 1, 40477 Düsseldorf, Germany (Office ERGOVictoria, Daimlerstrasse 3, 87448 Waltenhofen, Germany). The contract number is HG-HA 2918423.2-000640-0037. The insurance contract was renewed on August 1<sup>st</sup> for a further year.

# 3. RESOURCES

In the ExCB three persons are involved in the certification process. Additional two persons are involved in the quality management process. They are supported by two administration persons.

## 4. COMMITTEES / Governing Board / Appeals / Advisory Board

BV Germany has recently installed an advisory board. The member list and the agreements with these members were checked during the assessment and found to meet the requirements of the IECEx System.

# 5. CERTIFICATION OPERATIONS

## 5.1. National Approval/Certification Methods

BV Germany operates according to the ATEX Directive. The Notified Body (NB) document for certification according to ATEX carrying the number NB 2004 can be found in **ANNEXES 3a and 3b**.

## 5.2. Certification Policy

There is a declaration of quality policy in chapter 2 of the Quality Manual which is appropriate to the IECEx System.

## 5.3. Application for Certification

An application form for Ex applications exists and is in line with the IECEx 02 requirements.



#### 5.4. Certification Decision

The IECEx certification policy/procedure is described in Working Instruction 13.0.-30 and was found to meet IECEx requirements.

#### 5.5. Suspension and Cancellation of Certificates

Suspension and cancellation of certificates is addressed in Working Instruction 13.0.-30 and was found to meet IECEx requirements.

### 6. STATISTICS

#### 6.1. Certificates Issued

Number of **certificates** issued under the national schemes in the preceding four years for each type of protection:

Standards	Title	Number of issued certificates				Total
		2007	2008	2009	2010	
60079-0	Explosive atmospheres - Part 0: Equipment - General requirements	---	---	---	---	<b>Part 0 included in numbers below</b>
60079-1	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures 'd'	---	0	9	1	10
60079-2	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosures 'p'		7	5	3	15
60079-5	Explosive atmospheres - Part 5: Equipment protection by powder filling 'q'	---	---	---	---	0
60079-6	Explosive atmospheres - Part 6: Equipment protection by oil immersion 'o'	---	---	---	---	0
60079-7	Explosive atmospheres - Part 7: Equipment protection by increased safety 'e'	---	1	5	3	9
60079-11	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety 'i'	---	2	9	2	13
60079-15	Explosive atmospheres - Part 15: Equipment protection by type of protection 'n'	---	7	4	5	16
60079-18	Electrical apparatus for explosive gas atmospheres - Part 18: Construction, test and marking of type of protection encapsulation 'm' electrical apparatus	---	1	3	1	5
60079-25	Explosive atmospheres - Part 25: Intrinsically safe systems	---	---	---	---	0



Standards	Title	Number of issued certificates				Total
		2007	2008	2009	2010	
60079-26	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga	---	---	---	---	0
60079-27	Explosive atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO)	---	---	---	---	0
60079-28	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation	---	---	---	---	0
61241-0	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements	---	---	---	---	<b>Part 0 included in numbers below</b>
61241-1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures 'tD'	---	7	26	5	
61241-1-1	Electrical apparatus for use in the presence of combustible dust - Part 1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus	---	---	---	---	0
61241-4	Electrical apparatus for use in the presence of combustible dust - Part 4: Type of protection 'pD'	---	---	---	1	1
61241-11	Electrical apparatus for use in the presence of combustible dust - Part 11: Protection by intrinsic safety 'iD'	---	1	2	1	4
61241-18	Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation 'mD'	---	1	2	0	3
62086-1	Electrical apparatus for explosive gas atmospheres – Electrical resistance trace heating – Part 1: General and testing requirements	---	0	0	0	0

## 7. DOCUMENTATION

### 7.1. Quality Manual

The Quality Manual is valid for all activities at BV Germany in Türkheim and describes the quality policy and the management system. The QM was updated in order to integrate IECEx activities and found to meet the IECEx Scheme's requirements.



## 7.2. Procedures

All necessary standard operation procedures (SOP) are available according to ISO/IEC Guide 65. The Quality manual refers to these SOP's which were reviewed and found to meet IECEx requirements.

## 7.3. Work Instructions

All necessary standard operation procedures (WI's) are available according to ISO/IEC Guide 65. The Quality manual refers to these WI's which were reviewed and found to meet IECEx requirements.

## 7.4. Records

Required records are archived as described in the quality manual. The assessment team has confirmed that the record keeping of BV Germany meets the requirements of IECEx.

## 7.5. Document Change Control

The BV Germany document control procedures are detailed in Chapter 5.3 of the quality manual with the assessment team finding that the procedures meet the requirements of ISO/IEC Guide 65 and include IECEx related documentation, including keeping up to date with IECEx website.

# 8. CONFIDENTIALITY

The confidentiality issue is described in the QM in clause 4. The Corporate Management Manual of Bureau Veritas is binding for each Bureau Veritas Group Member. It is outlined as management task to implement tools to assure confidentiality and conflict of interest. In addition, the employment contract deals with these issues and requires a written statement signed by the employees.

# 9. PUBLICATIONS

BV Germany's Homepage is [www.bureauveritas.de/cps](http://www.bureauveritas.de/cps)

# 10. NATIONAL ACCREDITATION

BV Germany Türkheim holds an accreditation from the ZLS (German Accreditation Services) for ISO Guide 65 (EN 45011, **see ANNEX 2**) and for the ATEX directive 94/9/EG and is cleared for Group II, categories 1, 2 and 3 for all protection types (all Group II standards under the ATEX directive). The certificate is valid until 30.4.2013. See **ANNEXES 3a and 3b** for the certificate. Their NB (Notified Body) number is 2004.

BV Germany Türkheim holds an accreditation certificate for DIN EN ISO/IEC 17021 "Conformity Assessment - Requirements for bodies providing audit and certification of management Systems". The certificate is valid until 31.12.2012. See **ANNEX 4** for the certificate.



There are further accreditations but not concerning the Ex field.

## **11. RECOGNITION AND AGREEMENTS**

There are no recognitions and agreements in the Ex field. However, several agreements are in force concerning areas other than Ex.

## **12. INTERNAL AUDIT AND PERIODIC MANAGEMENT REVIEW**

This is described in the QM clause 5.4 of the quality manual and associated procedures (SOP's). The Internal Audit Plans for 2010/2011 were present as well as full set of audit documentation. The IECEx requirements are fulfilled.

The last Periodic Management Review was held at the end of August 2009. The minutes with the action plan was issued on September 1<sup>st</sup>, 2009. The next management review is planned for early 2011. The IECEx requirements are fulfilled.

## **13. SUBCONTRACTING, USE OF OTHER LABS AND USE OF OTHER LOCATIONS**

BV Germany Türkheim is using subcontracting Laboratories for certain clauses in several standards. The details are given in the ExTL assessment Report. There is no subcontracting concerning the activities of the ExCB.

## **14. TRAINING**

Training concerning IECEx operation was given to the staff of BV Germany.

## **15. ASSESSMENT OF MANUFACTURERS AND ISSUE OF QAR'S**

The following Ex related audit reports were checked during the assessment:

LCIE 03 ATEX Q 8018, protective systems  
LCIE 07 ATEX Q 8015, protection systems "i" and "e"  
EPS 08 ATEX Q 143x, protections systems "i" and "p"  
LCIE 01 ATEX Q 8014, "i" and "d"

The QAR's were checked in detail and found to meet the requirements of the IECEx.

Note: BV Germany is working close with BV LCIE France in the area of QA activities, hence performing QA in Germany and other countries

## **16. COMPLAINTS AND APPEALS (Including appeals to IECEx)**

Complaints and appeals are described in the quality manual, chapter 16. The procedures were checked and found to meet the requirements of the IECEx.



## 17. SPECIAL FACTS TO BE NOTED

### 17.1. Supporting Documentation

Copies of additional supporting information for this assessment have been provided to the applicant and the IECEx Secretariat. These include:

- On-Site Assessment report (IECEX OD/006)
- Details of issues raised and how these have been resolved
- Competence Matrix
- List of Subcontractors
- Checklist for ISO/IEC Guide 65

## 18. COMMENTS (Including issues found during assessment)

During the initial site assessment visit, a number of issues were found. It concerned the Quality Manual, the advisory board, the indemnity insurance, IECEx specific training, subcontracting and the quality assessment activities. Responses to the open issues were checked during a post assessment conducted on 9-10 December 2010 as part of the follow up site visit. As a result of the second site visit and off site reviews enabled the assessment team to resolve all the issues raised to the satisfaction of the assessment team.

## 19. RECOMMENDATION

Based on the initial assessment performed from 7th to 9th July 2010 and the post assessment site visit from 9th to 10th of December 2010, the CB of Bureau Veritas Consumer Product Services (Germany) GmbH is recommended for acceptance in the IECEx System (IECEX 02) as an IECEx Certification Body (ExCB) according to the scope of the standards listed in this document. Given the limited experience, the assessment team recommend, up to three projects each of the following standards shall be presented to the assessment team prior to the issue of a CoC:

IEC 60079-1, IEC 60079-11 and IEC 60079-15.

Lead Assessor  
Heinz Berger

Expert Assessor  
Alexander Zalogin

Expert Assessor  
Nicholas Ludlam

Date: December 10th, 2010

### List of Annexes:

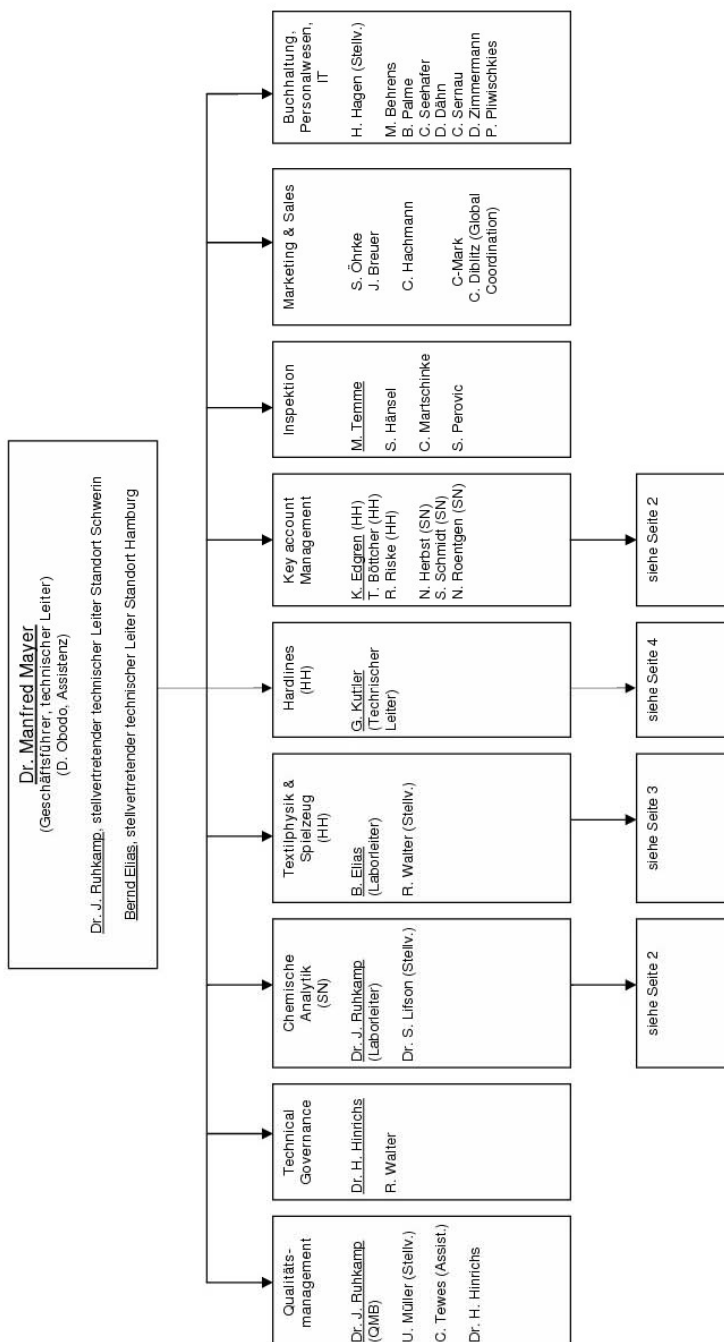
Annex 1a: Organization Chart of Bureau Veritas Germany (Overall)  
Annex 1b: Organization Chart of Bureau Veritas Türkheim, Germany  
Annex 1c: Detailed Organization Chart of BV Germany Türkheim incl. Ex activities  
Annex 2: Accreditation Certificate for ISO/IEC Guide 65  
Annex 3a and 3b: Notification for ATEX Notified Body No. 2004  
Annex 4: Accreditation Certificate for DIN EN ISO/IEC 17021



## Annex 1a

### CONSUMER PRODUCT SERVICES - Germany

Organigramm 31.12.2009



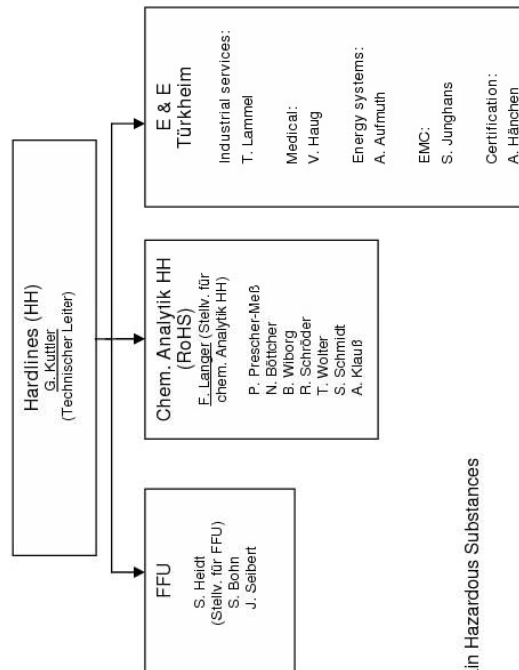
Seite 1 von 1



## Annex 1b

### CONSUMER PRODUCT SERVICES - Germany

Organigramm 31.12.2009



Erläuterungen:

FFU = Fit for Use

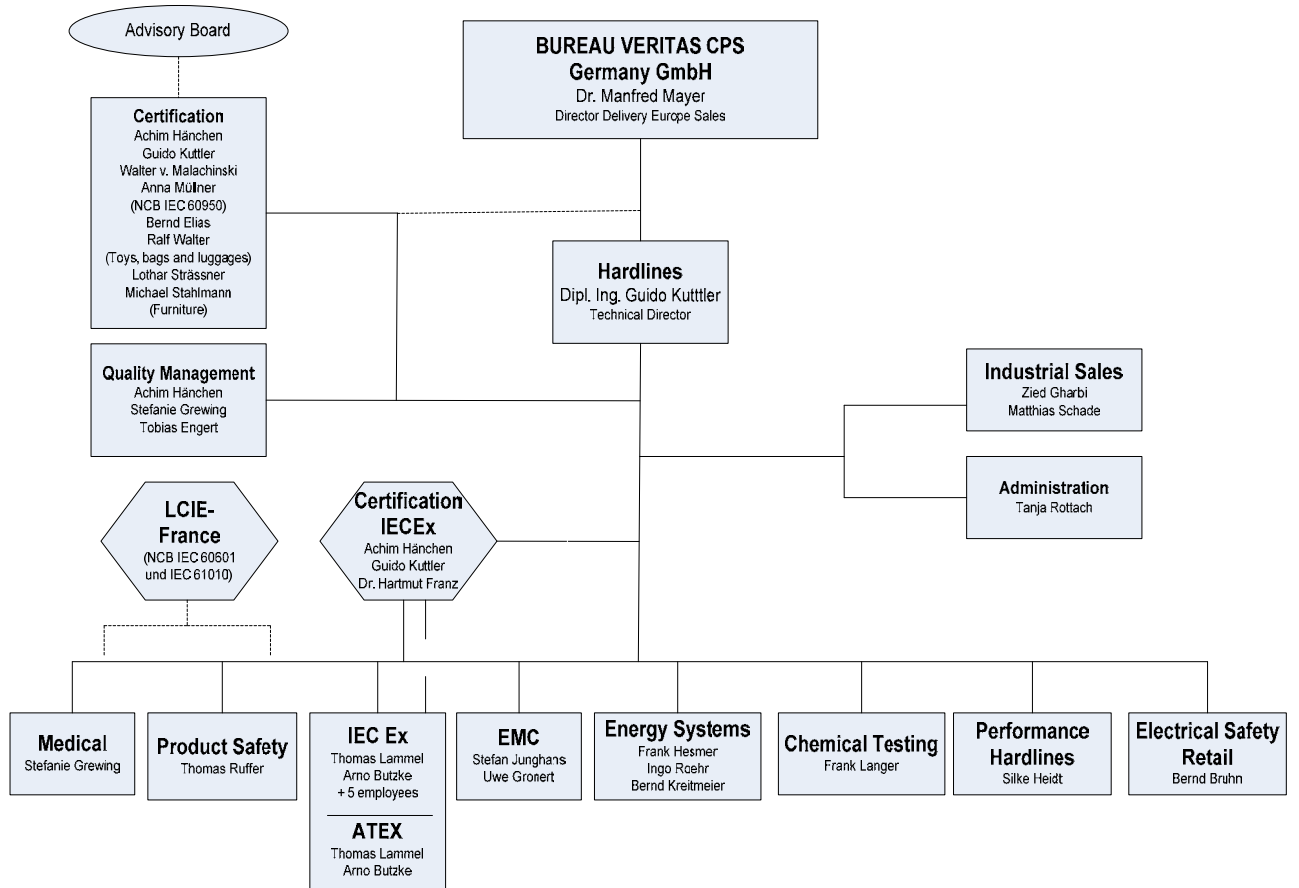
RoHS = Restriction of certain Hazardous Substances

E & E = Electric/Electronic



## Annex 1c

### Organigramm





Annex 2

# AKKREDITIERUNG



## Die Zentralstelle der Länder für Sicherheitstechnik (ZLS)

bestätigt hiermit, dass die

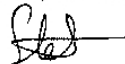
**Zertifizierungsstelle für Produkte  
der  
Bureau Veritas E&E Product Services GmbH  
Businesspark A96, 86842 Türkheim**

die Anforderungen des § 11 Abs. 1 des Geräte- und Produktsicherheitsgesetzes  
und der Norm DIN EN 45011 erfüllt und die Kompetenz besitzt,  
**Geräte für den Einsatz in explosionsgefährdeten Bereichen**  
im Geltungsbereich des GPSG und der EG-Richtlinie 94/9/EG  
entsprechend den Bestimmungen des Akkreditierungsbescheides  
Nr. ZLS-G3926.1-2008/6  
**zu zertifizieren.**

Die Akkreditierung ist gültig bis zum **30.04.2013**.

Reg.-Nr.: **ZLS-ZE-618/08**

München, den 16.05.2008



Dipl.-Phys. Stelz  
Ministerialrat

ZLS im Bayerischen Staatsministerium für Umwelt, Gesundheit und Verbraucherschutz,  
Postfach 81 01 40, 81901 München



### Annex 3a

## Notification of a Body in the framework of a technical harmonization directive

**From :** Bundesanstalt für Arbeitsschutz und Arbeitsmedizin, Gruppe 2.1  
"Produktbeschaffenheit, Grundsatzfragen"  
Friedrich-Henkel-Weg 1-25  
D-44149 Dortmund  
Germany

**To :** **European Commission**  
Enterprise Directorate-General  
-  
B 1049 Brussels  
**Other Member States**

**Reference :** Directive : 94/9/EC Equipment and protective systems intended for use in potentially explosive atmospheres

**Body name, address, telephone, fax, email, website :**

Bureau Veritas E & E Product Services GmbH  
Businesspark A96  
86842 Türkheim  
Germany  
Phone : +49 (8245) 968100  
Fax : +49 (8245) 9681099  
Email : achim.haenchen@de.bureauveritas.com  
Website : <http://www.bureauveritas.com>

**Body :**

**NB 2004**

**Created :** 19/12/2007 | **Last update :** 22/04/2010

**Period of validity of the notification :**

Valid until : Unlimited

**The body is designated for :**

EN 45012 - EN ISO/IEC 17021  
EN 45011

**The competence of the body was assessed by :**

**The assessment of the body covers the product categories and conformity assessment procedures concerned by this notification :** Yes



## Annex 3b

### Tasks performed by the Body :

Created : 21/09/2009 | Last update : 22/09/2009

Product family, product /Intended use/Product range	Procedure/Modules	Annexes or articles of the directives
Equipment in equipment group II, category 1G as follows - Non electrical equipment Equipment in equipment group II, categories 2G and 3G as follows - Non electrical equipment Equipment in equipment group II, category 1 as follows - Electrical equipment Equipment in equipment group II, categories 2 and 3 as follows - Electrical equipment	Production quality assurance Product verification EC type-examination	Annex IV Annex V Annex III



Annex 4

# AKKREDITIERUNG



## Die Zentralstelle der Länder für Sicherheitstechnik (ZLS)

bestätigt hiermit, dass die

**Zertifizierungsstelle für QS-Systeme  
der  
Bureau Veritas E&E Product Services GmbH  
Businesspark A96, 86842 Türkheim**

die Anforderungen des § 11 Abs. 1 des Geräte- und Produktsicherheitsgesetzes  
und der Norm DIN EN 45012 erfüllt und die Kompetenz besitzt,

### **Qualitätssicherungssysteme**

im Geltungsbereich des GPSG und der EG-Richtlinie 94/9/EG  
entsprechend den Bestimmungen des Akkreditierungsbescheides

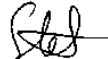
Nr. ZLS-G3926.1-2008/7

**zu zertifizieren.**

Die Akkreditierung ist gültig bis zum **30.04.2013**.

Reg.-Nr.: **ZLS-ZQ-358/08**

München, den 16.05.2008



Dipl.-Phys. Stelz  
Ministerialrat

ZLS im Bayerischen Staatsministerium für Umwelt, Gesundheit und Verbraucherschutz,  
Postfach 81 01 40, 81901 München