



ExMC/798/ R  
October 2012

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

**Title: Re-assessment Report for the continued acceptance of *ExVÁ Testing Station for Explosion Proof Equipment Ltd, (BKI ExVÁ Ltd.)* as an Accepted Certification Body (ExCB)**

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

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**Introduction**

In accordance with the 5 year re-assessment plan for the surveillance and monitoring of bodies within the IECEx System, the following document contains the IECEx Re-assessment Report for *ExVÁ Testing Station for Explosion Proof Equipment Ltd, (BKI ExVÁ Ltd.)* as an Accepted Certification Body (ExCB)

This report is issued for endorsement during the 2013 Fortaleza, Brazil Meeting.

*Chris Agius*  
**IECEx Secretariat**

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# IECEX RE-ASSESSMENT REPORT FOR ExVÁ Testing Station for Explosion Proof Equipment Ltd. (BKI ExVÁ Ltd.), Hungary (IECEX Certification Body ExCB)

**Type of Assessment: (please mark)**

**Initial Assessment for Candidate ExCB**

**Re-Assessment of ExCB**      02 and 04      X

**Scope Extension of ExCB**

## 1. OBJECT AND FIELD OF APPLICATION

### 1.1. Country:

HUNGARY

### 1.2. Name of Candidate ExCB

ExVÁ Testing Station for Explosion Proof Equipment Ltd, (BKI ExVÁ Ltd.)

### 1.3. Members of the Assessment Team

Xu Jianping, Team Leader  
Alexander Zalogin, Expert Assessor

### 1.4. Place and Date of Assessment

**ExVÁ Testing Station for Explosion Proof Equipment Ltd., (BKI ExVÁ Ltd.)**  
H 1037 BUDAPEST  
MIKOVINY S.u. 2-4  
HUNGARY

12<sup>th</sup> – 13<sup>th</sup> September, 2011

### 1.5. Assessment References

- i) IECEx 02 Fourth Edition 2010-08 IECEx Certified Equipment Scheme - Rules of procedure
- ii) IECEx 04 First Edition 2007-11 IECEx Conformity Mark Licensing Scheme – Regulations
- iii) IECEx 04A First Edition 2008-07 IECEx Guide - Guidance for making applications for and use of IECEx Conformity Mark
- iv) IECEx OD 003 IECEx Assessment procedures
- v) IECEx OD 005-1 Quality System requirements for manufacturers

- vi) IECEx OD 009 Issuing of CoCs, ExTRs and QARs
- vii) IECEx Document OD 025 Management of assessment and surveillance programs for manufacturers (includes QAR forms)
- viii) ISO/IEC Guide 65:1996
- ix) IECEx Document OD 017 Drawing and documentation guidance
- x) ExCB scope application document (email) dated 9June 2011

### 1.6. Scope of Application

Number	Title
60079-0 Edition 6	Explosive atmospheres - Part 0: Equipment - General requirements
60079-1 Edition 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
60079-2 Edition 5	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"
60079-5 Edition 3	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"
60079-6 Edition 3	Explosive atmospheres - Part 6: Equipment protection by oil immersion "o"
60079-7 Edition 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
60079-11 Edition 6	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
60079-15 Edition 4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
60079-18 Edition 3	Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"
60079-26 Edition 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
60079-29-1 Edition 1	Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases
60079-31 Edition 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
61241-0 Edition 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
61241-1 Edition 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"
61241-1-1 Edition 1	Electrical apparatus for use in the presence of combustible dust - Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus
61241-4 Edition 1	Electrical apparatus for use in the presence of combustible dust - Part 4: Type of protection "pD"

Number	Title
61241-11 Edition 1	Electrical apparatus for use in the presence of combustible dust - Part 11: Protection by intrinsic safety "iD"
61241-18 Edition 1	Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation "mD"
61779-1 Edition 1	Electrical apparatus for the detection and measurement of flammable gases - Part 1: General requirements and test methods
61779-2 Edition 1	Electrical apparatus for the detection and measurement of flammable gases- Part 2: Performance requirements for group I apparatus indicating a volume fraction up to 5% methane in air
61779-3 Edition 1	Electrical apparatus for the detection and measurement of flammable gases- Part 3: Performance requirements for group I apparatus indicating a volume fraction up to 100% methane in air
61779-4 Edition 1	Electrical apparatus for the detection and measurement of flammable gases- Part 4: Performance requirements for group II apparatus indicating a volume fraction up to 100% lower explosive limit
61779-5 Edition 1	Electrical apparatus for the detection and measurement of flammable gases- Part 5: Performance requirements for group II apparatus indicating a volume fraction up to 100% gas

### 1.7. Candidate ExCB Persons Interviewed

Name	Position
János MÜLLNER	Head of the Certification Body
Béla DENCZ	Lead of Archives
Bernadett SZEGVÁRI	Quality Management Representative
János FEJES	Managing Director
Edit MOLNÁR	Lead Auditor, Head of the testing laboratory

### 1.8. Legal Entity of the Candidate ExCB

As the national testing station of Hungary in the field of explosion protection, BKI ExVÁ Ltd is legally registered to the Hungarian Ministry of Administration under the number Cg.01-09-360770. BKI ExVÁ Ltd stated that there had been no change in the legal status of the company since the last re-assessment in 2005.

### 1.9. Associated Testing Laboratories

The associated ExTL is integral with the ExCB at same site, and has same legal identity.

### 1.10. Associated Certification Functions

BKI ExVÁ Ltd operates product certification mainly in the field of explosion protection, including apparatus, machine, equipment and protective systems.

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

National mark of BKI ExVÁ Ltd.





BKI ExVÁ Ltd is an European ATEX Notified Body (No.1418), designated by the Ministry of Economy and Transport – 065/2003. BKI are an accepted IECEx Mark issuing body.

### 1.12. **Financial Support**

BKI ExVÁ Ltd is a wholly-owned company belonging to the Hungarian Government, but is stated as relying entirely on the income generated from its testing, certification and inspection activities to fund its operating and investment costs.

### 1.13. **History**

The Testing Station for Explosion Proof Equipment Company Limited (abbreviation ExVÁ Ltd) and its legal predecessors established by the Ministry of Heavy Industry of the Hungarian Government have been acting as a national institution for the test and certification of Ex-proof electrical equipment since 1960.

At first the Test Station was part of the Mining Research Institute (BKI) applying in its documents the logo  as the certification mark. (In its decision of 16<sup>th</sup> June 2000 the Hungarian Patent-Office registered the logo ). Later BKI was re-organised, enlarged and transformed to Central Institute for Development in Mining (Hungarian abbreviation KBFI).

Having retired from KBFI in 1994 ExVÁ Ltd. became an independent economic company as the legal successor of the activity of BKI-KBFI performing testing and certification thus ensuring the continuity of these activities in time.

ExVÁ Ltd is a Government owned, one-man economic company with the Hungarian State Holding Company exercising the rights of the owner. ExVÁ Ltd is managed by the director; its activity is controlled by the Board of Supervision and the auditor.

In May 2004, BKI ExVÁ Ltd became a European Notified Body under the ATEX Directive.

### 1.14. **Standards Accepted**

See clause 1.6 of this report.

### 1.15. **National Differences to IEC Standards**

National differences to IEC standards are listed in the latest version of the IECEx Bulletin.

## 2. ORGANISATION

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

Name	Title	Experience
János FEJES	Managing Director, Senior officer responsible for IECEX Conformity Mark License	28 years in BKI in Ex field, 3 years as Managing Director
János MÜLLNER	Head of the Certification Body	Dipl. Specialized Electrical Engineer - 1980,1986 with ExVÁ since 1998 Quality Manager – ISO 9000 Series/1999 Accreditation of Testing and Calibrating Laboratories – course/1999 Risk Assessment Course/2000

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

Name	Title	Experience
Bernadett SZEGVÁRI	Quality Management Representative	16 years at BKI, 3 years in Quality Management QM Internal Auditor TRA/09/30483

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

Name	Title	Comments
János FEJES	Managing Director	Tel: +36 1 250 1720 Fax:+36 1 250 1720 Email: <a href="mailto:fejes@bki.hu">fejes@bki.hu</a>

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

Name	Title	Comments
János Fejes	Managing Director	
János MÜLLNER	Head of the Certification Body	Only when János FEJES is not available

### 2.5. Other Employees in ExCB activity

Name	Title	Responsibility and Experience in Ex
Bernadett SZEGVÁRI	Leader of the Administration	Administration 16 years at BKI, 3 years in Quality Management
Béla DENCZ	Leader of Archives	Archives, 24 years at BKI, 13 years in Ex field

Name	Title	Responsibility and Experience in Ex
Emese BÓDIS	Archiving Inspector	Archives, 3 years at BKI
Edit MOLNÁR	Lead Auditor Head of the testing laboratory	9 years at BKI, 9 years in Ex field 1998: Graduated as an electrical engineer 1998-2002: Designer and QM representative 2002-: Testing Officer Course in QM Representative in 2002 ISO 9000:2000 Series Auditor and Lead Auditor Training Course in 2003
Béla DENCZ	Technical expert *	24 years at BKI, 13 years in Ex field
György MÁDAY	Technical expert *	6 years at BKI, 6 years in Ex field
Gábor PONGRÁCZ	Technical expert *	3 years at BKI, 3 years in Ex field

\* **Notes:** The technical experts are mainly working in testing laboratory, but when necessary they also work as assistant auditors to support the audit of manufacturers technically. The technical expert is never the same personnel who make the tests or the assessment on the given product of the given manufacturer. This clarification has been clearly specified in the Annex M29 of the ExCB's quality manual, and found to meet the IECEx requirement.

## 2.6. Organizational Structure

See Annex 1.

## 2.7. Administration (including Indemnity Insurance)

The administration structure is same as above.

BKI ExVÁ Ltd carries insurance to cover against negligence. The certificate was issued on 16 August 2010 by Generali-Providencia Biztosító Zrt. 1066 Budapest, Teréz krt. 42-44, No. 95590221343112500. The certificate was viewed during the site assessment. It indicates that it is valid for an indefinite period, but the indemnity insurance is applicable to European Union only. Subsequently, with the effort of BKI management, a revised indemnity insurance was issued by the Generali, and the territorial scope now is the whole World covered.

## 3. RESOURCES

BKI ExVÁ Ltd is well resourced and operates properly in purpose-built premises within a secure compound. Adequate provisions are made for the working areas and facilities for the staff. Arrangements for the secure storage of documents appeared adequate.

At the time of re-assessment, there are 8 staff involved in the certification activities that are separate to testing, in which 4 staff from the testing laboratory mainly serve on the auditing of manufacturer. The Ex certification operations including the audit of manufacturer's quality system is controlled by the well-structured management quality system.

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

The Governing Board acts as a committee with representation from parties with an interest in the certification policies and practices of BKI ExVÁ Ltd. The operating rules for the Board are given in Annex M22 of the ExCB Quality Manual. There are three members, two with industrial and academic connections plus the Director of BKI ExVÁ Ltd. The Board carries out periodic audits of certain aspects of the work of the ExCB for continuous improvement, the latest one was conducted on 21 February 2011, and the audit report was sighted.

The Board also has a responsibility to hear appeals according to the procedure "Handling of appeals, complaints and disputes" which is set out in MKK-T-7 of the ExCB's quality manual.

#### **5. CERTIFICATION OPERATIONS**

##### **5.1. National Approval/Certification Methods**

As Hungary is now a member of the European Union, the ATEX system has been adopted for national certification. BKI ExVÁ Ltd is an ATEX Notified Body with the number 1418, as identified in the government appointment certificate No. 065/2003, a copy of which was obtained and attached with in the site assessment report.

##### **5.2. Certification Policy**

Certification policy is set out in Clause MKK-T-3 of the ExCB's quality manual in accordance with the requirements of ISO/IEC Guide 65. An English language version of the quality manual was provided by BKI ExVÁ Ltd. The assessment team are satisfied that the relevant IECEx rules, procedures and operational documents are properly incorporated within the BKI Quality management System.

##### **5.3. Application for Certification**

A guide to the BKI's testing and certification service as well as an application form were reviewed during the re-assessment, and found to be applicable for the operation of IECEx certified equipment scheme and conformity mark license scheme. The documents as well as the relevants are available from their website at [www.bki.hu](http://www.bki.hu). The further detailed informations can be found in the Article 8 of ExCB's Quality Manual, which is opened on request for the applicants/manufacturers.

##### **5.4. Certification Decision**

The detailed procedures for certification decision are addressed in the Artical 12 of the body's Quality Manual. The procedures as well as examples of records of certification



decision were reviewed and found to meet the requirements of the IECEx Certified Equipment Scheme and the IECEx Conformity Mark License Scheme.

### 5.5. Suspension and Cancellation of Certificates

The detailed procedures for the suspension and cancellation of certificates are addressed in the Article 14 and Annex M16 of the ExCB's Quality Manual. It was reviewed and found that the IECEx requirements are met.

## 6. STATISTICS

### 6.1. Certificates Issued

Number of certificates issued under the IECEx, national or regional schemes in the preceding four years for each type of protection:

Standards	Title	Number of issued certificates				Total
		2008	2009	2010	2011	
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"	17	7	5	8	<b>37</b>
60079-2	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"	0	0	0	0	<b>0</b>
60079-5	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"	0	0	0	0	<b>0</b>
60079-6	Explosive atmospheres - Part 6: Equipment protection by oil immersion "o"	0	0	0	0	<b>0</b>
60079-7	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	17	8	2	1	<b>28</b>
60079-11	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	12	5	3	10	<b>30</b>
60079-15	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"	0	2	2	0	<b>4</b>
60079-18	Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"	2	0	0	0	<b>2</b>

Standards	Title	Number of issued certificates				Total
		2008	2009	2010	2011	
60079-26	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga	0	0	0	3	3
60079-29-1	Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases	0	0	0	0	0
60079-31	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"	0	0	2	1	3
61241-0	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements	14	8	6	5	33
61241-1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"	13	7	4	5	29
61241-4	Electrical apparatus for use in the presence of combustible dust - Part 4: Type of protection "pD"	0	0	0	0	0
61241-11	Electrical apparatus for use in the presence of combustible dust - Part 11: Protection by intrinsic safety "iD"	0	0	0	0	0
61241-18	Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation "mD"	0	0	0	0	0

## 7. DOCUMENTATION

### 7.1. Quality Manual

BKI ExVÁ Ltd has created separate-documented Quality Manuals for the Certification Body and Testing Laboratory operations. The current Quality Manual for the Certification Body is issued according to ISO/IEC Guide 65 in English language only. The assessment team noted that the quality manual has been updated to Edition 4 dated on 30 November 2010, and satisfied with its incorporation with the requirements of the relevant IECEx rules and procedures.

### 7.2. Procedures

At the time of assessment, there are 38 documented Annexes referenced by the ExCB's quality manual as supporting documents/procedures. For example, they have a procedure on application for the certification (MKK-T-8), a procedure on the preparation for evaluation (MKK-T-8), a procedure for issuing License for use of the IECEx Conformity Mark(Annex M35) and etc. All of them are coordinately in conjunction with IECEx rules, procedures and operational documents. All these

documents/procedures are available in electronic to access via intranet for all the body members. Examples of procedures were reviewed during the site assessment, and found to meet the IECEx requirements.

### **7.3. Work Instructions**

The procedures to be carried out by the ExCB personnel are outlined in MKK-T-4 and detailed in a series of related annexes. The assessment team noted that the IECEx requirements are properly engaged with the ExCB's management system, and found to be satisfactory.

### **7.4. Records**

BKI ExVÁ Ltd establishes suitable procedures dealing with quality records. The procedures ensure that all records related to IECEx testing and certification activities are maintained with a retention time of 15 years.

The detailed requirements on records and its recording system can be found in Clause 4.9, MKK-T-4 of the ExCB's Quality Manual. Examples of certification records were reviewed and found all the relevant records are properly stored by using registration numbers.

### **7.5. Document Change Control**

Documents are all subject to a change control procedure. The detailed requirements can be found in Clause 4.9.1, Article 4 of the ExCB's Quality Manual. The requirement includes regular checks of those being used in the workplace.

## **8. CONFIDENTIALITY**

The detailed requirements on confidentiality are specified in Clause 4.10 of the ExCB's Quality Manual. The assessment team noted that all the BKI staff are subjected to the strict confidentiality requirements. Examples of records on confidentiality were reviewed, and found that there is no relevant indication on confidentiality in the contracts signed with the members of BKI Governing Board from industry and university. This has been subsequently resolved to the satisfaction of the assessment team.

## **9. PUBLICATIONS**

BKI ExVÁ Ltd publishes a number of professional technical books, and a list of tested and certified equipment on regular basis in CD or print form. Further more detailed information including BKI product certification service, guide to certification activities can be found on their website at [www.bki.hu](http://www.bki.hu).

## **10. NATIONAL ACCREDITATION**

The national accreditation for BKI ExVÁ Ltd being as a certification body for equipment used in explosive atmospheres is from the Hungarian Accreditation Board (NAT), a full member of ILAC. The latest renewal of accreditation for BKI ExVÁ Ltd was conducted on 21 December 2008 in accordance with the standard EN45011:1999 (identical to

ISO/IEC Guide 65). The certificate with identification number NAT-6-0027/2009 is valid until 13 January 2013. A copy of the national accreditation certificate is attached as Annex 2 of this report.

A copy of national accreditation scope was reviewed, and found that the standards of IEC 60079-26, IEC 61241-4, IEC 61241-11 and IEC 61241-18 listed in Clause 1.6 are not listed in their existing national accreditation scope at the time of this site assessment. BKI management agreed to be subjected to an annual surveillance visit by the IECEx until a new national accreditation certificate covering the above mentioned standards is forwarded to IECEx secretariat.

## **11. RECOGNITION AND AGREEMENTS**

BKI ExVÁ Ltd holds several mutual recognition and agreements, including:

- PTB Germany, 1999
- TÜV Austria, 2000
- PSB Singapore, 2004
- TÜV Rheinland Intercert Ltd., Hungary, 2011

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

The requirements for internal audit and periodic review are specified in Clause 4.7, MKK-T-4 of the ExCB's quality manual. As part of the BKI quality management requirements, BKI conducts internal audit and periodic management review as scheduled annually. There is a series of audits as a yearly complete internal audit, and the latest audit was carried out on 25 August 2011. The management review was conducted once a year, and the latest one was conducted on 15 December 2010.

The relevant records were checked and found the management review did not specifically indicate the assessment against additional IECEx requirements, e.g. Compliance of IECEx rules, procedures and operational documents. This has been resolved subsequently.

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

The detailed requirements for subcontracting are described in Clause 4.4, Article 4 of the ExCB Quality Manual.

BKI ExVÁ Ltd documented that TÜV Rheinland Intercert Ltd in Hungary is used as a subcontractor for dust testing to IEC 60529 which is required for dust protection, increased safety or intrinsic safety, EMC and vibration testing for IEC 60079-29-1, as well as climate testing for IEC 60079-0. The TÜV Rheinland Intercert Ltd is accredited by NAT in accordance to ISO/IEC 17025 as a qualified laboratory for IP, climate, vibration and EMC tests. The contract and relevant supporting documents were checked and found to meet the IECEx requirements.

It also noted that the ExCB Quality Manual already correctly incorporated with IECEx policy on the off-site test and witness test by reference to OD024.

## 14. TRAINING

There is a documented process on training, and the detailed requirements can be found in Article 5 points 5.2.1.b and 5.2.1.c of the ExCB's Quality Manual.

BKI ExVÁ Ltd has appropriate training plan yearly and implements it in according to requirements and demands. Training records are retained for all members of staff.

There is a competency matrix that lists the employees and their competency against standards (type of protection), but the assessment team noted that there were no records as well as the proper evaluation system on qualification of personnel competency at time of assessment. This shortcoming has been subsequently resolved to the satisfaction of the assessment team.

## 15. ASSESSMENT OF MANUFACTURERS AND ISSUE OF QARS

The procedure for assessment of manufacturers and issue of QARs is documented according to IECEx operational documents, and the detailed information can be found in Article 13 of the ExCB's Quality Manual.

During the site assessment, two of IECEx CoCs yearly issued by BKI in the last five years were randomly selected and checked. In general, the majority of the certificates and corresponding QARs issued by BKI ExVÁ Ltd are satisfactory. But the certificates numbered as IECEx BKI 07.0022, IECEx BKI 09.0001 and IECEx BKI 06.0002 as well as the relevant QARs and ExTRs were issued based on the IEC 61241-11 (intrinsic safety for dust), which is out of the scope previously authorized by IECEx. This deficiency has been subsequently resolved by the improvement of existing quality management system.

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

BKI ExVÁ Ltd operates an appeals procedure handling customer complains, and the detailed requirements and procedures are specified in Article 7 of the ExCB's Quality Manual. The management of the body stated that no appeals and complaints had been received since last re-assessment.

During the site assessment, the procedures were checked, and the assessment team noted that the appeal procedure includes reference to the further right of manufacturers to use the IECEx appeal procedure. These were found to meet the requirements of the IECEx System.

## 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:

- Details of issues raised and how these have been resolved



- Checklist for ISO/IEC Guide 65
- Competence Matrix
- List of Subcontractors

#### **17.2. Other Issues**

BKI ExVÁ Ltd operates as an ExCB for issuing IECEx Conformity Mark Licenses. At the time of site assessment there was no IECEx Conformity Mark Licenses issued for manufacturers to use of IEC mark.

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

A number of issues mainly on personnel qualification, management review, document control, confidentiality and insurance, were raised during this re-assessment and reported to BKI ExVÁ Ltd at the end of this assessment.

All the issues relating with ExCB have been subsequently resolved to the satisfaction of the assessment team. Details of issues and how these have been resolved are listed in Annex A of the site assessment report.

### **19. RECOMMENDATION**

Based on the assessment performed from 12<sup>th</sup> to 13<sup>th</sup> September 2011, the Testing Station for Explosion Proof Equipment Ltd. (BKI ExVÁ Ltd) is recommended for continued acceptance in the IECEx scheme as an IECEx Certification Body (ExCB) according to the scope of the standards listed in this document.

Lead Assessor  
Xu Jianping

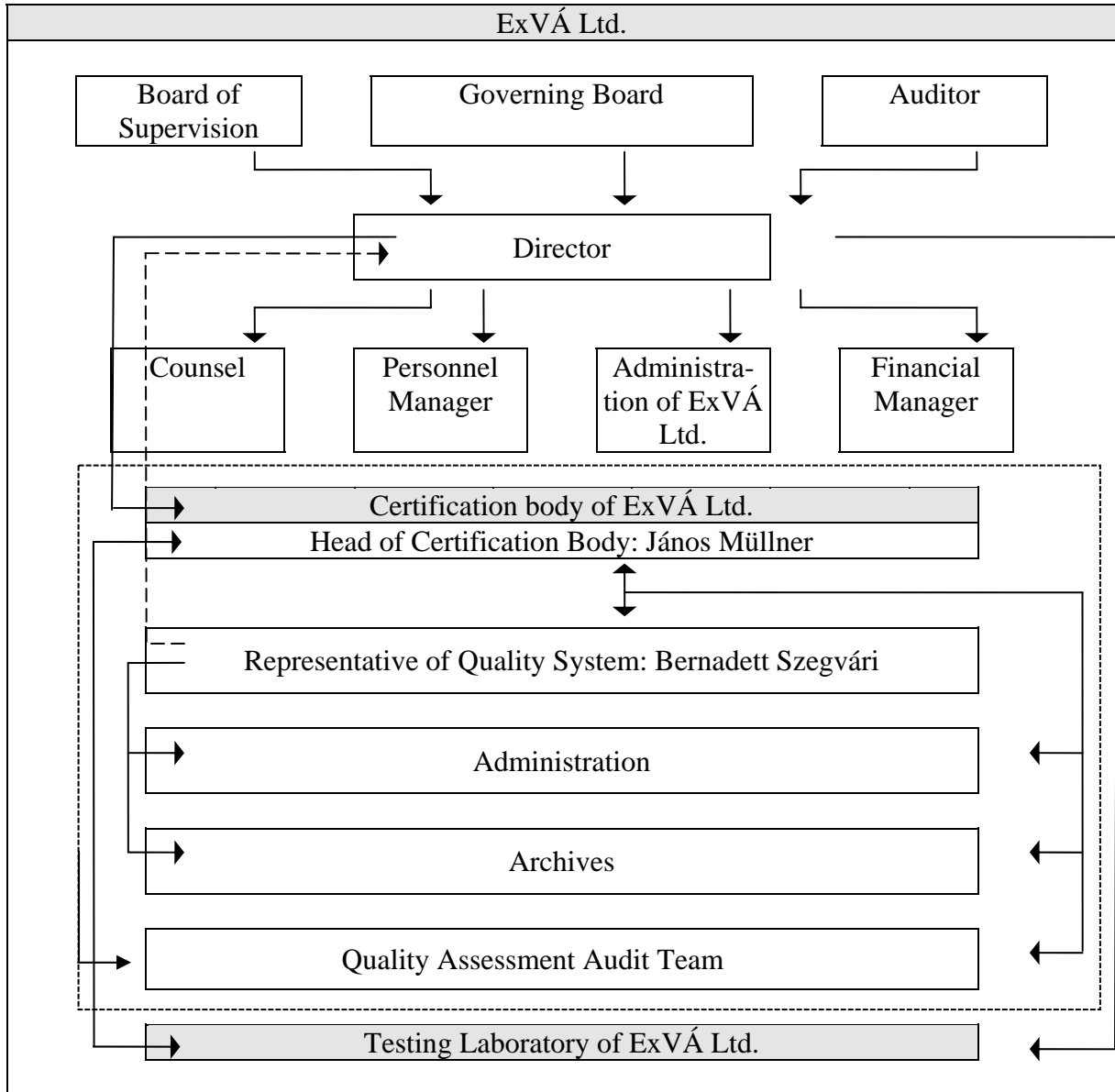
Expert Assessor  
Alexander Zalogin

Date: 15 August 2012

#### **List of Annexes:**

1. Overall Organization Chart of ExCB of ExVÁ Ltd. (BKI)
2. Accreditation Certificate according to ISO/IEC Guide 65

**Annex 1: Overall organization Chart of ExCB of ExVÁ Ltd. (BKI)**



Annex 2: Accreditation Certificate according to ISO/IEC Guide 65



**AKKREDITÁLÁSI OKIRAT**  
**ACCREDITATION CERTIFICATE**

**A NEMZETI AKKREDITÁLÓ TESTÜLET**  
a 2005. évi LXXVIII. törvény felhatalmazása alapján elismeri, hogy az  
*Authorized by the law LXXVIII of 2005 the Hungarian Accreditation Board recognizes that*

**ExVÁ Robbanásbiztos Berendezések Vizsgáló Állomása Kft.**  
Tanúsító Szervezet  
1037 Budapest, Mikoviny Sámuel u. 2-4.

megfelel az MSZ EN 45011:1999 szabvány követelményeinek és  
*complies with the criteria of MSZ EN 45011:1999 standard as*

**TERMÉKTANÚSÍTÓ SZERVEZET**  
**PRODUCT CERTIFICATION BODY**

kategóriába az alábbi számon bejegyzi  
*and has been assigned registration number*

**NAT-6-0027/2009**

**Az akkreditálás területét az akkreditálási határozat tartalmazza.**  
*The scope of accreditation is specified in the accreditation decision.*

**Az akkreditálási okirat érvényes**  
*The accreditation certificate is valid until*

**2013. január 13.**

**Az akkreditálási okirat kiadva**  
*The accreditation certificate is issued*

**Budapest, 2009. január 14.**



a Nemzeti Akkreditáló Testület ügyvezető igazgatója  
*Director of the Hungarian Accreditation Board*