

**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 KSC POLAND Sp. z o.o, to
become an Accepted Certification Body, ExCB, within the IECEx Equipment Scheme,
02.**

Circulation to: Members of the IECEx Management Committee, ExMC

INTRODUCTION

This document contains the IECEx Assessment Report for the acceptance of **KSC
POLAND Sp. z o.o** to become an Accepted Certification Body, ExCB, within the IECEx
Scheme, 02.

*This document is hereby submitted for ExMC approval via correspondence using the
IECEx on-line voting system. ExMC Members are requested to submit their vote via the
IECEx On-line **Ballot System** by the closing date **2021 01 28***

Please refer to OD 050 for guidance on the "IECEx On-line voting system."

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ExMC/1671/DV
December 2020

**IEC System for certification to standards relating to equipment for use in
Explosive Atmospheres (IECEx System)**

IECEx Assessment Report

IECEx assessment report form for use by IECEx assessment teams to report
assessments conducted according to the relevant IECEx assessment
procedures of:

Operational Document IECEx OD 003-2 for the Certified Equipment
Scheme

IECEx ExCB assessment report for KSC POLAND Sp. z o.o

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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1 Assessment information

1.1 Type of body covered by this assessment:

ExCB for IECEx Certified Equipment Scheme	<input checked="" type="checkbox"/>
ExTL for IECEx Certified Equipment Scheme	<input type="checkbox"/>
ATF for IECEx Certified Equipment Scheme	<input type="checkbox"/>
ExCB for IECEx Certified Service Facilities Scheme	<input type="checkbox"/>
ExCB for IECEx Conformity Mark Licensing System	<input type="checkbox"/>
ExCB for IECEx Certification of Personnel Competency Scheme	<input type="checkbox"/>

NOTE 1 ExCB - IECEx Certification Body

NOTE 2 ExTL - IECEx Testing Laboratory

NOTE 3 ATF - Additional Testing Facility

1.2 Type of assessment:

Pre-assessment for candidate body	<input type="checkbox"/>
Initial assessment for candidate body	<input checked="" type="checkbox"/>
Surveillance	<input type="checkbox"/>
Re-assessment	<input type="checkbox"/>
Scope extension	<input type="checkbox"/>

1.3 Details of body

1.3.1 Country

Poland

1.3.2 Name of body

KSC POLAND Sp. z o.o

1.3.3 Name and title of nominated principal contact

Name	Title	E-mail address
Sanghe Kim	CEO	sh.kim@exksc.com

1.4 Assessment information

1.4.1 Members of the assessment team

Name	Role
Ajay Maira	IECEx Lead Assessor
Adrian Smart	IECEx Assessor

1.4.2 Place(s) of assessment

ul. Chorzowska 150, 40-101 Katowice	Assessment was carried out remotely by web conference with off-site review of documents in accordance with OD 060 IECEx Guide for Business Continuity – Management of
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	Extraordinary Circumstances or Events Affecting IECEx Certification Schemes and Activities
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1.4.3 Assessment date(s)

2020-11-25 to 2020-12-01

1.5 Application information and background information on the assessment

KSC Poland Spółka was registered and entered into the Register of Entrepreneurs of the National Court register under KRS [National Court Register] No. 0000810778 on 12 November 2019. It is an independent legal economic entity.

The Certification Body conducts certification and conformity assessment for products or groups of products according to the International Classification of Standards (ICS). It also conducts management systems certification processes according to the assigned EA/NACE/PKD codes.

They are an independent Ex certifying body, and have made suitable arrangements for KSC Korea to act as their associated IECEx Testing laboratory.

The Certification Body leases rooms fully equipped with electrical installations and direct access to means of communications provided by public operators (telephone, fax) and the Internet. There is an IT system in the Certification Body, based on PCs, network printers, scanners and photocopiers, which fully ensures operability of the body in the scope of creation, processing, circulation and archiving of documentation.

The personnel at KSC Poland have extensive experience from their work history, which includes working in ATEX certification bodies and IECEx test laboratories.

KSC Poland have established a quality management system with adequate procedures, record control, access to competent personnel to conduct Ex manufacturer assessment, review of test reports, and to arrive at an appropriate decision for issuing Ex certificates.

This is their initial application for consideration as an IECEx Certifying body.

NOTE 1 Include information relevant to the Secretariat review process

NOTE 2 include other information to be included by the assessment team relevant to the application, including any complex issues, for example where the assessment involves an Additional Testing Facility (ATF)

NOTE 3 Include reference to OD 060 if used for this assessment.

1.6 Scopes

1.6.1 ExCB scope for equipment certification scheme

The scope of the IEC Standards for the ExCB is shown in Annex A.

While the original scope requested for this application was larger, it was slightly reduced as provided in the Annex A to align with the scope of the associated ExTL.

NOTE 1 Unless otherwise indicated, earlier editions of standards (even if with a different number) are considered to be covered in the above scope for the purposes of the assessment.

NOTE 2 The list highlights any extension of scope in the list above for new standards or later editions of standards already in scope.

NOTE 3 Any scope changes addressed by this report should be clearly indicated.

1.6.2 ExTL scope

The scope of this report does not include an assessment of the ExTL. However, it was checked that all the Standards listed for the scope of the ExCB in Annex A are available in the scope of the associated ExTL KSC Korea.

1.6.3 ATF Scope

The scope of this assessment did not include ATF.



1.6.4 ExCB scope for Service Facilities Scheme

The scope of this assessment did not include Service Facilities Scheme.

1.7 ExCB scope for Conformity Mark Licensing Scheme

The scope of this assessment did not include Conformity Mark Licensing Scheme.

1.8 ExCB scope for IECEx Personnel Competence Scheme

The scope of this assessment did not include IECEx Personnel Competence Scheme.

2 Common information

2.1 Legal entity of body

Information from the NATIONAL REGISTER OF COURT shows that registration KRS number 0000810778 from the REGISTER OF ENTREPRENEURS was issued to KSC POLAND SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ located at ul. CHORZOWSKA, No. 150, office ---, place KATOWICE, code 40-101, post office KATOWICE, country POLAND on 2019-11-12

2.2 Financial support

The Chairman of the Board is Mr Kim Sanghe who is also the owner of KSC Korea. The share capital and stability of KSC Korea provide sufficient proof for KSC Poland to be established as a commercial business with revenue from fees charged to customers.

2.3 History

While registered only in 2019, the foundation of the Certifying Body's activities are the employees with long experience in the other certification bodies and test labs in this field.

The CEO Mr Kim Sanghe, has extensive experience in Ex testing and certification from IECEx organisations in Korea for greater than 20 years and has set up KSC Korea to provide IECEx testing in 2017. KSC Korea provides several technical experts for use by KSC Poland to perform independent review of test reports and quality assessment reports.

The Quality Manager Mr Lukasz Brudny also has experience greater than 15 years from ATEX notified bodies in Poland, and has conducted many ATEX assessments on manufacturer quality systems. He is also an experienced ISO 9001 auditor. He is responsible for the quality systems at KSC Poland.

The Certification Body Manager Mr Krzysztof Sinka is an Ex technical expert and also has experience greater than 15 years from ATEX notified bodies in Poland.

2.4 Documentation

2.4.1 Quality manual

The Quality Manual (KJ2) is a well presented manual that sets out the description of all the major requirements for the certification body and refers to further procedures (P-n.n) containing the details of the processes used to provide all aspects for the services to be delivered.

2.4.2 Procedures

A comprehensive set of procedure (P-n.n) were available. These were reviewed at this assessment and found to be practical and meeting the IECEx requirements. The overall procedure P-9.2.2 provides the information to process applications for manufacturers to obtain IECEx equipment Test Reports, Quality Assessment Reports, IECEx certification. This includes charging a surcharge where manufacturers are located in non IECEx member countries.

Application forms, evaluation records, authorities and responsibilities are referred to in this procedure.

Processes for all other aspects of the quality system at KSC Poland were provided in other procedures, which include management system requirements, document control and record storing, internal audits, corrective and preventive action.

2.4.3 Work instructions

KSC Poland quality management system does not set out use of work instructions separately from procedures. The procedures contain sufficient detail for the processes to be followed and records to be prepared and stored.

2.4.4 Records (including test records where relevant)

KSC Poland have a cloud based record retainment system using 'Sharepoint'. This was reviewed during the audit.

All job related records are filed as 'Case Numbers', and quality system records are filed under the generic headings such as 'Internal Audits', 'Management System Review' etc. The use of Sharepoint provides for data security and protection from inadvertent deletion or modification.

Records are stored generally for an indefinite period, with procedure P-10.3 requiring at least 10 years.

For the purpose of this audit, the forms for application from manufacturers, review of application forms, preparation of test plans, forms used for test report preparation, audit report preparation, certificate preparation, review and decision were checked.

NOTE The following guidance is provided to assessors:

- It is expected the record system will meet the recommendations in OD 207 Guidance on the Retention of Records
- Example records should be sought of oldest records both in electronic and hard copy to test the retrieval and existence of records, including archival records.
- Information should be sought on whether there is a method of secure disposal of hard copy records once they have been placed on an electronic system.

2.4.5 Document change control

The Quality Manual KJ2 section 10.2, 10.3, together with procedure P-10.3 sets out the document change control. Sharepoint is used to provide accurate and up-to-date copies of all documents in the quality system to the users, and history of previous documents is held as superseded copies.

All Standards are held in Sharepoint, also all IECEx Decision Sheets, Operational Documents. The Quality Manager maintains a register in Sharepoint showing the latest versions of the documents. KSC Poland have staff who are members of IEC technical committee TC31 and are able to be informed of changes in the Standards. They shall use a similar method of being informed on changes in IECEx documents after their admittance as an IECEx CB.

2.5 Confidentiality

Staff, contractors and members of advisory bodies sign a form P-7.1-Z3 "COMMITMENT TO CONFIDENTIALITY KEEPING AND NO INTEREST CONFLICTS". It covers the requirements for confidentiality, impartiality, independence, and acknowledgement of having been provided the relevant KSC Poland Certification Body Quality documentation.

2.6 Communication with public and customers (Hard copy and Electronic)

Application form to be used are available on the KSC Poland website, with adequate information on how to submit the application form. While the internal document P-9.2.2 provides details for internal processes to be followed, the public is generally directed to IECEx Rules and OD's (such as OD 009) for the methods to obtain certification.

A formal agreement with relevant terms and conditions P-10.3-F3.1 CoC agreement and P-10.3-F4.1 QAR agreement were checked during the audit and found suitable. These are completed and stored in the 'Case Number' files.

2.7 Recognitions and agreements

The accreditations for KSC Poland to function as a certifying body under the National schemes is set out in Sections 3.13.1 of this report.

Since KSC Poland as an IECEx certifying body is not integral with an IECEx Test Laboratory, a "Cooperation Agreement" between KSC Poland Sp. Z o.o (KSC CB) and KSC Co., Ltd Korea (TL) was checked during the audit. It sets out appropriately the scope, terms of execution,

insurance, confidentiality, methods to resolve breach of agreement, disputes. It was dated 2020-11-26.

2.8 Internal audit

Internal audit procedure P-10.5 was available. It describes the qualification requirements for internal auditors and subsequent placed in the register P-10.5/Z1. The use of the procedure was checked by reviewing the audit report dated 2020-01-03. The details completed were satisfactory. The concept of vertical audits was discussed and will take place after projects 'case numbers' are completed.

2.9 Management review

The relevant procedure Management Review procedure P-10.4 was checked and found to be appropriate. The record completed by the use of this procedure Management Review of 2020-01-09 was checked and found completed correctly.

2.10 Contracting, subcontracting and witness testing

2.10.1 Contracting

The Quality Manual KJ2 and the procedure P-9.2.2 provide for the use of contractors.

Forms P-7.1/Z12 and P-7.1/Z13 are available for the agreements between KSC Poland and the experts for QAR's and provision of specialist and manufacturer quality system assessors. Examples of completed records were available.

2.10.2 Subcontracting

Testing is normally carried out at the associated Ex Testing Laboratory KSC Korea. Procedure P-7.2 'Outsourcing' provides for the subcontracting of services.

2.10.3 Off-site and Witness testing

Where the test item requires that the tests are to be carried out outside the associated ExTL's laboratory, the procedure P-7.2 under Clause 5 describes the use of OD 024, the agreement and involvement of the IECEx CB and the customer. It includes the requirements of the IECEx CB to register the site of the testing with the IECEx secretariat.

The test report notes the fact of testing having been carried out outside the normal laboratory premises, when applicable.

2.11 Training and competence

Procedure P-7.1 refers to training and currency of competency. Authorisation and performance evaluation are included in the same procedure.

The list of personnel involved in conformity assessment including review of application, review of technical report, certificate preparation, conducting assessment and preparation of QAR, review of QAR, final decision and publishing of IECEx certificate, are summarised in register P-7.1/Z10.

2.12 Complaints and appeals (including appeals to IECEx)

Procedure P-9.4 refers to complaints and appeals, and covers the process from identifying and receiving a complaint, assignment of suitable personnel to action the complaint, action taken and informing the customer. Procedure P-10.3 provides for the retention of records pertaining to the complaints and appeals.

The manufacturer requesting certification signs the Contract P-10.3/F3.1 that provides for the process for the manufacturer to lodge an appeal.

2.13 Impartiality

The Quality Manual and the Quality Policy provide a focus on impartiality by KSC Poland. The Risk Analysis document provides an assessment of factors that may affect Impartiality. Mitigation process includes training, signing of agreements with the customer, staff, contractors, and use of an independent Certification Committee that meets and makes recommendations according to the procedure "Impartiality Committee Regulations".

NOTE: Include reference to methods to achieve the requirements impartiality with the requirements of ISO/IEC 17065, ISO/IEC 17025 and ISO/IEC 17024. Also organizational arrangements (such as corporate structures) that may impact on impartiality should be reviewed.

2.14 Active involvement in development of Decision Sheets

Procedure P-10.3 Section 5.5 refers to commenting on IECEx Decision Sheets and the responsibility to vote on IECEx MC matters when KSC Poland has been admitted as an IECEx CB.

2.15 Special facts to be noted

Prior to this initial audit, KSC Poland had undertaken a pre-assessment from IECEx and the report from the pre-assessment was provided to this audit. The recommendations from the pre-assessment were actioned adequately.

The previous experience of the staff at this relatively new certification body has been a key fact noted at this assessment. Their experience has been gained by their staff at the associated IECEx Testing laboratory KSC Co., Ltd Korea, and by their previous employment at ATEX notified bodies over more than 15 years. Extensive interviews were held individually with these staff during the assessments and evidence obtained of their technical and certification processes.

2.16 Supporting documentation

Copies of additional supporting information for this assessment have been provided to the applicant and the IECEx Secretariat. These are included in a site assessment report or provided separately and include:

- Details of issues raised and how these have been resolved
- Checklist for ISO/IEC 17065
- Information on competencies
- Information on contracting/subcontracting
- Assessors' notes
- Other

NOTE Assessors are to amend above list as appropriate

2.17 Recommendations

Based on the assessment performed on 2020-11-25 to 2020-12-01 with subsequent discussions and changes in procedures with training provided to the staff, KSC POLAND Sp. z o.o is recommended for acceptance in the IECEx scheme as:

- An ExCB in the IECEx Certified Equipment Scheme

This is according to the scope of the standards listed in this document.

It is further recommended that initial reports and certificates for the various techniques issued by the ExCB should be reviewed independently, and a surveillance assessment be carried out in 12 months

Ajay Maira	Adrian Smart
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ExMC/1671/DV
December 2020

IECEx Lead Assessor	IECEx Assessor
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Date: 2020-12-11

3 ExCB for IECEx Certified Equipment Scheme

3.1 Assessment references

3.1.1 General references

- a) IECEx 02 IECEx Certified Equipment Scheme covering equipment for use in explosive atmospheres – Rules of Procedure
- b) IECEx OD003-2 Assessment, surveillance assessment and re-assessment of ExCBs and ExTLs operating in the IECEx 02, IECEx Certified Equipment Scheme
- c) ISO/IEC 80079-34 Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture
- d) IECEx OD 009 Issuing of CoCs, ExTRs and QARs
- e) IECEx OD 025 Guidelines on the Management of Assessment and Surveillance programs for the assessment of Manufacturer's Quality Systems in accordance with the IECEx Scheme
- f) IECEx OD 026 IECEx Certified Equipment Scheme – Guidelines for the qualification of Lead Auditor and Auditors, in accordance with the IECEx System
- g) ISO/IEC 17065 General requirements for bodies operating product certification systems Conformity assessment — Requirements for bodies certifying products, processes and services
- h) IECEx OD 107 Harmonised check list for certification bodies ISO/IEC 17065
- i) IECEx OD 060 IECEx Guide for Business Continuity – Management of Extraordinary Circumstances or Events Affecting IECEx Certification Schemes and Activities
- j) IECEx Technical Capability Document (TCD)
- k) ExTAG decision sheets (DSs)

NOTE The latest editions of the above documents were applied, unless otherwise specified

3.1.2 Additional references applied for this assessment

OD 233 IECEx Certified Equipment Scheme - Assessment of Ex "s" Equipment.

OD 280 Guide to Certification of Non-electrical Equipment and Protective Systems

3.2 Candidate ExCB persons interviewed

Name	Position
Łukasz Brudny	Quality Manager and Manufacturer Auditor
Krzysztof Sinka	Certification Body Manager and Manufacturer Auditor
Kim Sanghe	CEO and Manufacturer Auditor
Dr Jim Munro	Manufacturer Auditor
Neha Kulkarni	Manufacturer Auditor
Aleksandra Piasecka	Administration and Legal
Hyonggil Kim	Technical Expert
Hyunill Shin	Technical Expert
Kwangjin Ka	Technical Expert
Behzad Nejad	Contractor. Technical Expert

3.3 Associated ExTL(s)

KSC Poland does not have an integral testing laboratory. It has signed a Cooperation Agreement with KSC Korea as its associated IECEx testing laboratory. The agreement was reviewed and found satisfactory.

3.4 Associated certification functions

KSC Poland have obtained approval as an ATEX notified body to provide auditing and certification under the ATEX scheme. Certificate was provided and is attached at Annex D.

KSC Poland intend to include ISO 9001 Management System certification in its scope of certification functions and will soon be accredited by Polish Center for Accreditation for this purpose.

NOTE Associated certification functions may include certification of equipment that is not Ex Equipment, for example equipment tested under the IECEx System.

3.5 National marks and certificates

The ATEX certificates are national certification. KSC Poland have achieved accreditation from Polish Center for Accreditation. This body conducts annual audits and also witness manufacturer audits conducted by KSC Poland. They may conduct witness audits by remote communication for manufacturers not located in Poland, or may choose to travel for witness the audit.

Methods used to provide national accreditation (ATEX) based on IECEx assessment and test results has been addressed in procedure P-9.2.1.

3.6 Standards accepted

See clause 1.6 of this report

3.7 National differences to IEC standards

National differences to IEC standards are those for the European community differences listed in the latest version of the IECEx System Bulletin.

3.8 Organisation

3.8.1 Names, titles and experience of the senior executives

Name	Title	Experience (years)
Kim Sanghe	CEO	>20 years
Łukasz Brudny	Quality Manager	>15 years
Krzysztof Sinka	Certification Body Manager	>15 years

3.8.2 Name, title and experience of the quality management representative

Name	Title	Experience (years)
Łukasz Brudny	Quality Manager	>15 years

3.8.3 Name and title of signatories for certification

Name	Title	Comments
Kim Sanghe	CEO	QAR, Certificate review and issue
Łukasz Brudny	Quality Manager	QAR, Certificate review and issue

3.8.4 Other employees in ExCB activity

Name	Title	Experience in Ex (years)
Krzysztof Sinka	Certification Body Manager	>15 years
Hyonggil Kim	Technical Expert	>9 years
Hyunill Shin	Technical Expert	>8 years
Kwangjin Ka	Technical Expert	>8 years
Behzad Nejad	Contractor. Technical Expert	>7 years
Jim Munro	Contractor. For QAR	>30 years
Neha Kulkarni	Contractor. For QAR	>15 years

3.9 Organizational structure

The organisation structure has been presented and also the Qualification Matrix showing the roles, competencies and authorities in register P-7.1/Z10. These are shown in the Annex to this report.

3.10 Indemnity insurance

Indemnity insurance policy 1048595639 issued by PZU Polish to the value of 1 million PLN was presented at the assessment. It is valid till 2021-03-17.

3.11 Resources

The certification body functions have been resourced by experienced staff of KSC Poland. These include contact with manufacturers, administration, issuing of information to associated ExTL and reviewing the test reports, conducting regular manufacturer quality assessments and reviewing the QARs, and participation in certification scheme activities. Contracts have been administered where necessary for use of suitably experienced external contractors.

Procedure P-7.1 provides for the requirements of Ex manufacturer assessments in accordance with IECEx OD 026.

NOTE 1 Information should be given here about the adequacy of resources of competent staff, appropriate procedures/work instructions, and facilities.

NOTE 2 Some information may also be included here about outsourcing, eg using external contractors, where this is not adequately covered in 2.10.

3.12 Committees (such as governing or advisory boards)

KSC Poland have established a suitable Management Review procedure and meetings, and the record of the meeting held on 2020-01-09 was reviewed.

KSC Poland have also established an independent Impartiality Committee to review their certification functions and offer inputs to the risks on impartiality, independence and confidentiality. A record of the meeting 1/2020 held in January 2020 was reviewed.

3.13 Certification operations

3.13.1 National approval/certification methods

KSC Poland have a well prepared documented procedure P-9.2.2 that sets out their methods to provide certificates and QARs. It covers the complete cycle of receipt of application, discussion with the associated ExTL, issue of quotation, preparation of the test plan, receipt and review of the completed Ex test report, implementation of manufacturer assessment and review of QAR, review of certificate draft and issue, with subsequent implementation of the surveillance assessment of the manufacturer. The requirements to issue Unit Verification certificates were addressed too.

3.13.2 Certification policy

The Quality Policy was provided and was reviewed for adequacy to provide certification under the IECEx 02 Certified Equipment Scheme. The policy provides for impartiality, management responsibility, maintenance of independence and confidentiality, using documented certification schemes.

NOTE Typically this may be a separate policy or included in the quality policy

3.13.3 Application for certification

Application form P-9.2.1/F1 is available in the Quality System and on the KSC Poland website. It was reviewed for completeness of information required to prepare a quotation to certification, including statutory signature from the manufacturer with declaration of their responsibility and ownership of their design.

A test plan is prepared by the ExCB in association with the ExTL, as provided in the procedure P-9.2.2.

3.13.4 Certification decision

The procedure P-9.2.2 sets out the requirements of review of ExTR, ExQAR and the necessary documents from the manufacturer for the authorised personnel listed in register P-7.1/Z10 to make the certification decision.

A certificate review form P-9.2.2/F1 was provided and it covers the essential items in the IECEx certificate that shall be reviewed prior to the certificate decision. The form is called up in the procedure P-9.2.2.

Control over the documents submitted by the manufacturer for compliance assessments is established by stamping the relevant drawings that are listed in the Ex test report, and forwarding to the manufacturer as a basis of manufacture of certified products.

3.13.5 Suspension and cancellation of certificates

The requirements and conditions for suspension and cancellation of certificates is provided in the procedure P-9.2.2 and also in the agreement with the manufacturer in P-10.3/F3.1.

3.14 Certificates issued

KSC Poland are a new organisation. They have issued ATEX certificates in 2020 (see table below), and have not yet issued any IECEx certificates. However, the experience of their staff in ATEX and IECEx is acknowledged using their past knowledge.

Standard numbers	Type of protection or other identifying information	Number of issued certificates (for last 2 years)		Total
		2019	2020	
EN 60079-15:2010	Type of protection 'n'	N/A	1	1
EN 60079-1:2014	Types of protection 'd'	N/A	1	1
EN 60079-11:2012	Types of protection 'i'	N/A	2	2
EN 60079-2:2014 EN 60079-7:2015	Types of protection 'p' and 'e'	N/A	1	1

NOTE Above include certificates to IEC 60079-0 unless otherwise shown

3.15 National accreditation

The national accreditation certification for ISO/IEC 17065 obtained from Polish Center for Accreditation is shown in Annex D.

National accreditation will be limited to ATEX scheme 2014/34/EU. Discussions were held and confirmed that IECEx scheme will not be under the national accreditation, in accordance with the IECEx document ExMC/1606/Inf.

NOTE 1 The national accreditation is checked annually by the IECEx Secretariat.

NOTE 2 OD 003-2 makes provision for a possible witness assessment of an ExCB doing an assessment of a manufacturer. Where that has been done, a summary of the outcome of that witness assessment should be provided here, with details to be provided separately in the site assessment report.

3.16 Assessment of manufacturers and issue of QARs

KSC Poland have a panel of well qualified assessors to conduct manufacturer quality system assessments. A sample of a completed QAR was provided at this assessment. Evidence of compliance for the various clauses of the QAR were found completed satisfactorily. The panel of assessors were interviewed and discussions on further enhancement of assessments were readily adopted.

Application of OD 060 for extraordinary circumstances was provided procedure P-9.2.2 and found in compliance to manage such circumstances.

3.17 Comments (including issues found during assessment)

KSC Poland submitted a comprehensive application. Further documents were sought prior to the assessment dates and these were found well prepared. During the assessment, several clarifications were sought, and KSC Poland followed these up with revisions of their procedures, forms, registers and information in their website. They provided suitable additional training to their staff based on the issues found during the assessment. Evidence of that training was reviewed as part of the post assessment activities and found sufficiently detailed and comprehensive.



ExMC/1671/DV
December 2020

4 Annexes

See Contents.

Annex A

Scope for IECEx Certified Equipment Scheme

A.1 Current standards

Number	Title	Comments
IEC 60079-0 Edition 7.0	Explosive atmospheres - Part 0: Equipment - General requirements	Accepted
IEC 60079-1 Edition 7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"	Accepted
IEC 60079-2 Edition 6.0	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"	Accepted
IEC 60079-5 Edition 4.0	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"	Accepted
IEC 60079-6 Edition 4.1	Explosive atmospheres - Part 6: Equipment protection by oil immersion "o"	Accepted
IEC 60079-7 Edition 5.1	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	Accepted
IEC 60079-11 Edition 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	Accepted
IEC 60079-13 Edition 2.0	Explosive atmospheres - Part 13: Equipment protection by pressurized room "p" and artificially ventilated room "v"	Accepted
IEC 60079-15 Edition 5.0	Explosive atmospheres – Part 15: Equipment protection by type of protection "n"	Accepted
IEC 60079-18 Edition 4.1	Explosive atmospheres – Part 18: Equipment protection by encapsulation "m"	Accepted
IEC 60079-25 Edition 3.0	Explosive atmospheres – Part 25: Intrinsically safe electrical systems	Accepted
IEC 60079-26 Edition 3.0	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga	Accepted
IEC 60079-28 Edition 2.0	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation	Accepted
IEC/IEEE 60079-30-1 Edition 1.0	Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements	Accepted
IEC 60079-31 Edition 2.0	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"	Accepted
IEC 60079-33 Edition 1.0	Explosive atmospheres – Part 33: Equipment protection by special protection "s"	Accepted
ISO 80079-36 Edition 1.0	Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements	Accepted

ISO 80079-37 Edition 1.0	Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres – Non electrical type of protection constructional safety "c" control of ignition source "b", liquid immersion "k"	Accepted
IEC TS 60079-39 Edition 1.0	Explosive atmospheres - Part 39: Intrinsically safe systems with electronically controlled spark duration limitation	Accepted*
IEC TS 60079-40 Edition 1.0	Explosive atmospheres - Part 40: Requirements for process sealing between flammable process fluids and electrical systems	Accepted*
IEC TS 60079-46 Edition 1.0	Explosive atmospheres – Part 46 - Equipment assemblies	Accepted
*	Presently not in the scope of IECEx TL KSC Korea	

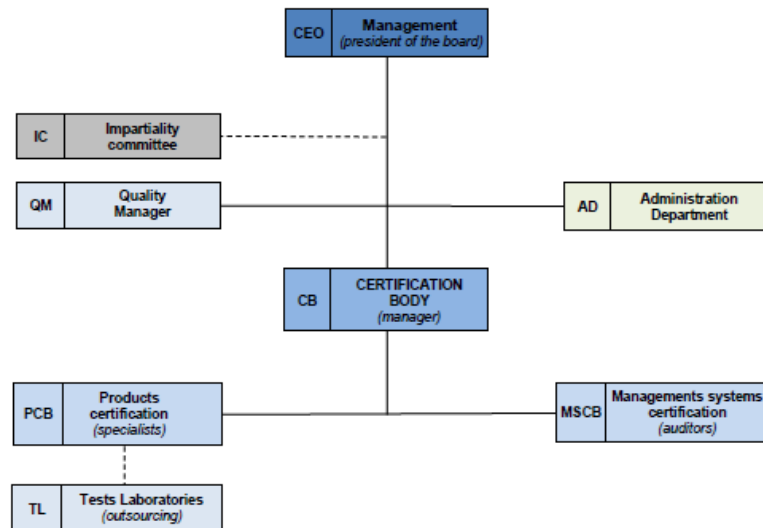
A.2 Superseded standards

The following superseded standards may form part of a body's scope, generally for historical reasons.

Number	Title	Comments
IEC 60079-27 Edition 2.0	Explosive atmospheres – Part 27: Fieldbus intrinsically safe concept (FISCO)	Already obsolete
IEC 61241-0 Edition 1.0	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements	Already obsolete
IEC 61241-1 Edition 1.0	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosure "tD"	Already obsolete
IEC 61241-4 Edition 1.0	Electrical apparatus for use in the presence of combustible dust - Part 4: Protection by pressurization "pD"	Already obsolete
IEC 61241-11 Edition 1.0	Electrical apparatus for use in the presence of combustible dust – Part 11: Protection by intrinsic safety 'iD'	Already obsolete
IEC 61241-18 Edition 1.0	Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation "mD"	Already obsolete
IEC 62013-1 Edition 2.0	Caplights for use in mines susceptible to firedamp - Part 1: General requirements - Construction and testing in relation to the risk of explosion	Already obsolete
IEC 62013-2 Edition 2.0	Caplights for use in mines susceptible to firedamp - Part 2: Performance and other safety-related matters	Already obsolete
IECEx DS2015/001A 2015 10 09	Equipment assemblies	Already obsolete

Annex B Overall Organisation Chart

Organizational chart of KSC POLAND Sp. z o.o.
(valid from 05.11.2020)



1. CEO – Sanghe Kim
2. CB Manager – Krzysztof Sinka
3. AD - Aleksandra Piasecka
4. QM – Łukasz Brudny
5. PCB specialists –Sanghe Kim, Hyunggil Kim, Hyunill Shin, Kwangjin Ka, Krzysztof Sinka, Behzad Nejad, Michał Górny, Jim Munro
6. MSCB auditors – Neha Kulkarni, Suk Bong Kang, Kishor Madhukar Deshmukh, Łukasz Brudny, Edyta Dybciak, Bożena Głogowska, Magdalena Grygier, Asli Diker, Jim Munro

Annex C Organisation Chart of ExCB

KSC POLAND Sp. z o.o. ul. Chorzowska 150, 40-101 Katowice Certification Body
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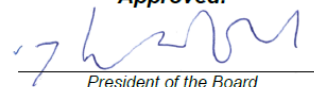
2) According to IECEx 02 Scheme

Assessment area		Personnel								
Type	Standard	Sanghe Kim	Lukasz Brudny	Hyonggil Kim	Krzysztof Sinka	Hyunil Shin	Kwangjin Ka	Behzad Nejad	Jim Munro	Neha Kulkarni
Electric Explosion protection gas and dust	IEC 60079-0	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-1	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-2	V/R/I	R/I	V	V	---	V	V	---	---
	IEC 60079-5	V/R/I	R/I	V	V	---	V	---	---	---
	IEC 60079-6	V/R/I	R/I	V	V	---	V	---	---	---
	IEC 60079-7	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-11	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-13	V/R/I	R/I	V	V	---	V	---	---	---
	IEC 60079-15	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-18	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-26	V/R/I	R/I	---	V	V	---	V	---	---
	IEC 60079-28	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-30-1	V/R/I	R/I	V	---	V	V	V	---	---
	IEC 60079-31	V/R/I	R/I	V	V	V	V	V	---	---
	IEC 60079-33	V/R/I	R/I	V	---	---	V	V	---	---
Non electric type of protection	ISO 80079-36	V/R/I	R/I	V	V	---	V	V	---	---
	ISO 80079-37	V/R/I	R/I	V	V	---	V	V	---	---
Quality system assessment	ISO/IEC 80079-34	AQ/CQ/RQ/R/I	AQ/CQ/RQ/R/I	CQ/TE	AQ/CQ/RQ/TE	CQ/TE	CQ/TE	TE	AQ/CQ/RQ	AQ/PQ

Legend:

AQ: Management assessment (Manufacturer auditing --> QAR)
CQ: Compile QARs
RQ: Technical review of QARs
V: Review and approve of ExTRs
R: Final decision and publishing on the IECEx On-Line Certificate System
I: Issuing ExTRs / QARs to the applicant
TE: Technical expert

Approved:



President of the Board

Annex D
Accreditation Certificate for ISO/IEC 17065

POLSKIE CENTRUM AKREDYTACJI
POLISH CENTRE FOR ACCREDITATION



Sygnatariusz EA MLA
EA MLA Signatory

CERTYFIKAT AKREDYTACJI
JEDNOSTKI CERTYFIKUJĄCEJ WYROBY
ACCREDITATION CERTIFICATE FOR PRODUCT CERTIFICATION BODY
Nr AC 216

Potwierdza się, że: / This is to confirm that:

KSC Poland Sp. z o.o.
ul. Chorzowska 150
40-101 Katowice

spełnia wymagania normy PN-EN ISO/IEC 17065:2013-03
meets requirements of the PN-EN ISO/IEC 17065:2013-03 standard

Akredytowana działalność jest określona w Zakresie Akredytacji Nr AC 216
Accredited activity is defined in the Scope of Accreditation No AC 216

Akredytacja pozostaje w mocy pod warunkiem przestrzegania
wymagań jednostki akredytującej określonych w kontrakcie Nr AC 216
This accreditation remains in force provided the Body observes
the requirements of Accreditation Body defined in the Contract No AC 216





DYREKTOR
POLSKIEGO CENTRUM AKREDYTACJI

LUCYNA OLSZOWSKA

Warszawa, 04 września 2020 r.



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Annex E
Accreditation Certificate for ISO/IEC 17025

Not in the scope of this assessment.



ExMC/1671/DV
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Annex F
Accreditation Certificate for ISO/IEC 17024

Not in the scope of this assessment.