

# IECEX OPERATIONAL DOCUMENT

**IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System)**

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**IECEX Certified Service Facilities Scheme –  
Part 4: Ex inspection and maintenance**

**Assessment and Certification of Service Facilities providing Ex installations related services – Procedures**



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# IECEx OPERATIONAL DOCUMENT

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**IECEx Certified Service Facilities Scheme –  
Part 4: Ex inspection and maintenance**

**Assessment and Certification of Service Facilities providing Ex installations  
related services – Procedures**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**IECEX Operational Document 313-4 –****IECEX Certified Service Facilities Scheme –  
Part 4: Ex inspection and maintenance****Assessment and Certification of Service Facilities providing  
Ex installations related services – Procedures**

## FOREWORD

This Operational Document is the IECEX OD 313-4 Operations Manual for the IECEX Certified Service Facilities Scheme – Part 4: Ex Inspection and Maintenance (“[IECEX 03-4 Program](#)”) to provide a mechanism for organizations that provide Ex installation related services meeting the requirements of [IEC 60079-14](#) and IEC 60079-17 the ability to obtain IECEX Certification under the IECEX System.

A listing of currently approved ExCBs is maintained on the IECEX website: [www.iecex.com](http://www.iecex.com).

**Document History**

Date	Summary
2013-03	This original issue Edition 1 of <a href="#">IECEX OD 313-4</a> supersedes <a href="#">IECEX OD 013 Edition 2</a> in part and represents the application of a new numbering system.
<a href="#">2017 - 11</a>	This Edition 2.0 was approved for publication by the 2017 ExMC Meeting via Decision ExMC 2017.54 and supersedes Edition 1.0 of <a href="#">IECEX OD 313-4</a> upon publication.

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## INTRODUCTION

This Operational Document is supplementary to the Operational manuals and procedures operated by IECEx Certification Bodies (ExCBs), approved by the IECEx Management Committee to Issue IECEx Certificates of Conformity to Ex Inspection and Maintenance Service Facilities, conducting visual, close and detailed inspections and maintenance of Ex equipment and Ex maintenance. It should be noted that detailed inspections are not only performed after the installation and commissioning of a new installation.

The IECEx Certified Service Facilities Scheme is modelled on the IECEx Certificate of Conformity Scheme, which is an ISO Type 5 Certification System.

The purpose of the Operational Document is to ensure that each ExCB, accepted by ExMC for the purposes of issuing IECEx Certified Service Facility Certificates, processes applications from Ex inspection and maintenance Facilities with the same approach and technical/management requirements, known as certifying the IECEx way.

This IECEx [OD 313-4](#) Operational Document comprises [the following three](#) Sections:

- Section 1 – Procedures for the issuing of an IECEx Service Facilities Certificate
- Section 2 – Procedures for maintaining validity of an IECEx Service Facilities Certificate
- Section 3 – Procedures for the processing of applications for extension of scope to an IECEx Certified Service Facility

The procedures are set out in table form identifying:

- Step number showing the link between flowcharts and table
- Description of the activity
- Related documents
- Responsible person or party
- Additional comments and remarks where appropriate

The preparation of this document has been done so with the aim of alignment with various ISO/IEC International Standards and Guides, including but not limited to the following:

[NOTE Although this document makes reference to IEC 60079-14 and IEC 60079-17, it is also relevant in determining ability to work with other international, national or regional requirements of a similar nature, such as IEC 61892-7 - Mobile and fixed offshore units – electrical installations – Part 7: Hazardous areas.](#)

[IEC 60079-14, Explosive atmospheres – Part 14: Electrical installations design, selection and erection](#)

[IEC 60079-17, Explosive atmospheres – Part 17: Electrical installations inspection and maintenance](#)

ISO/IEC\_17000, *Conformity assessment – Vocabulary and general principles*

ISO/IEC\_17011, *Conformity assessment – General requirements for accreditation bodies accrediting conformity assessment bodies*

ISO/IEC\_17021, *Conformity assessment – Requirements for bodies providing audit and certification of management systems*

ISO/IEC\_17065, *Conformity assessment – Requirements for bodies certifying products, processes and services*

ISO 19011, *Guidelines for auditing management systems*

ISO\_Guide 27, *Guidelines for corrective action to be taken by a certification body in the event of misuse of its mark of conformity*

ISO\_Guide 28, *Conformity assessment – Guidance on a third-party certification system for products*

ISO\_Guide 53, *Conformity assessment – Guidance on the use of an organization's quality management system in product certification*

Readline Version

IECEX Operational Document 313-4 –

IECEX Certified Service Facilities Scheme –  
Part 4: Ex inspection and maintenance

**Assessment and Certification of Service Facilities providing  
Ex installations related services – Procedures to be followed by ExCBs**

**SECTION 1 – PROCEDURES FOR THE ISSUING OF AN IECEX  
SERVICE FACILITIES CERTIFICATE**

This Section is to be applied by ExCBs when processing new applications for an IECEX Service Facility Certificate.

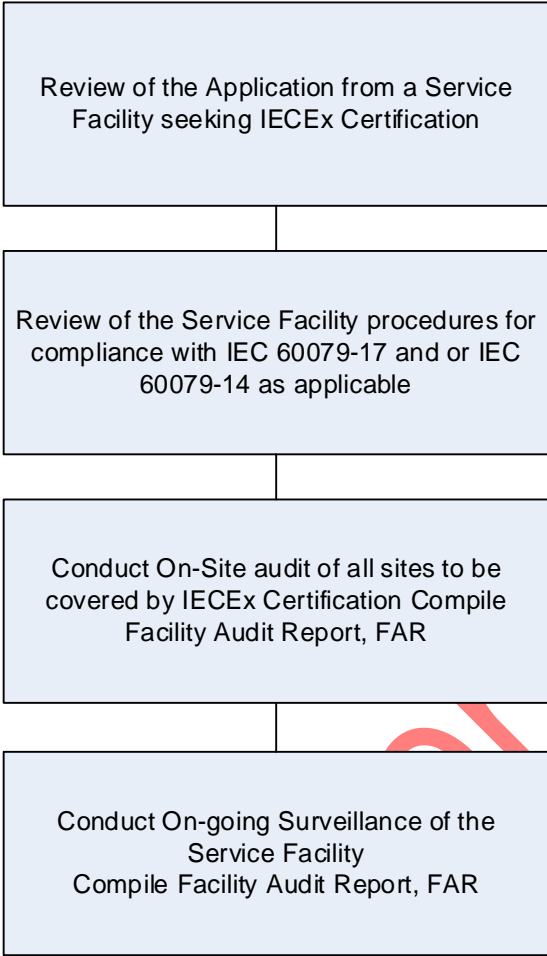
These steps are in line with the requirements of ISO/IEC 17065, *Conformity assessment – Requirements for bodies certifying products, processes and services*, in addition to the requirements as laid down in the IECEX Scheme Rules, IECEX 03-4.

This Section 1 also refers to Annex A for the criteria concerning the use of Quality Management System (QMS) assessment and audit results obtained prior to the application for an IECEX Service Facilities Certificate of Conformity.

Annex B contains a documentation checklist of documentation that an IECEX Certified Service Facility should have in place

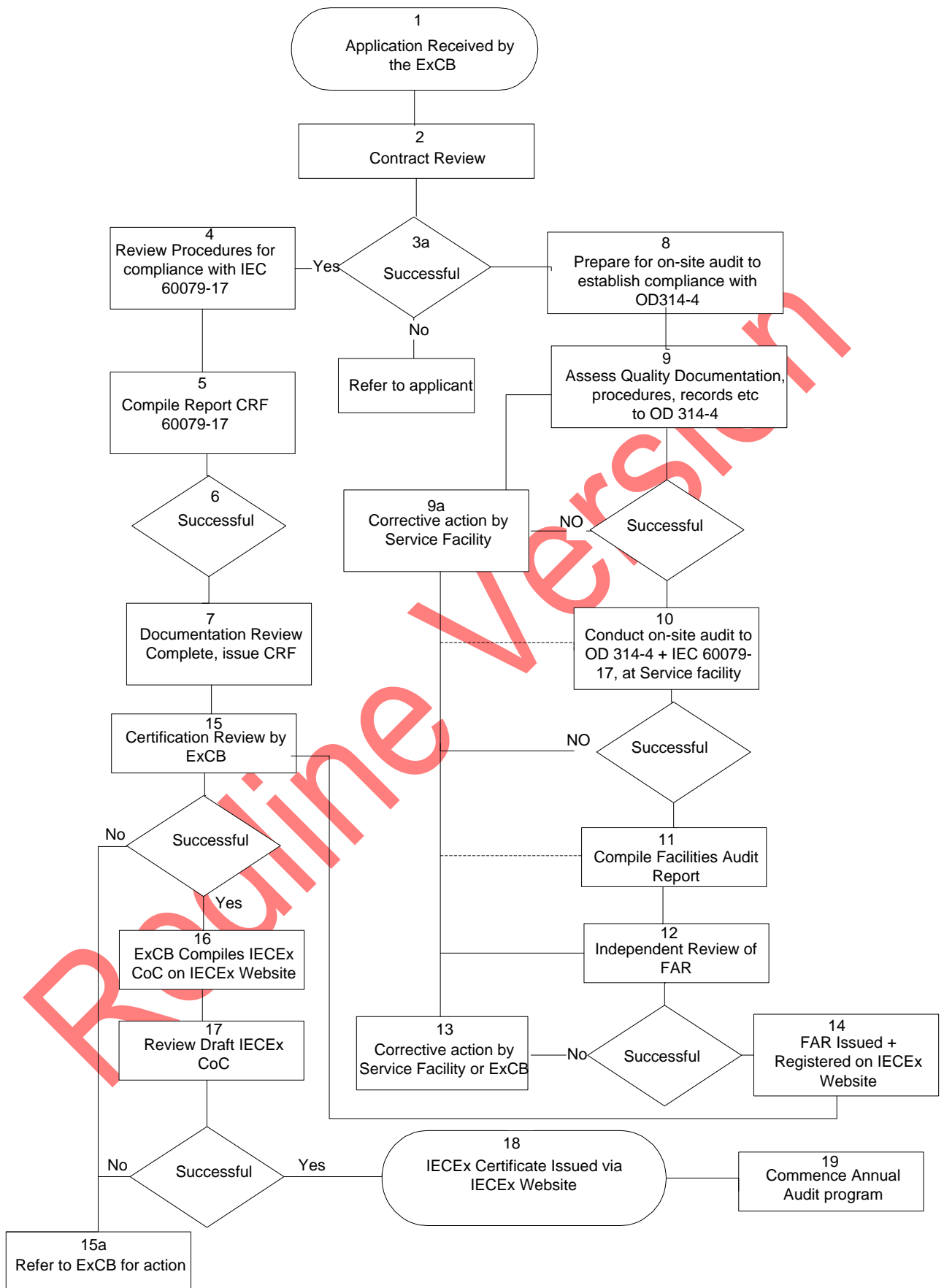
The following is a broad outline of the processing of applications from Service Facilities by an ExCB.





Redline

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Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
1	<p>Application submitted by an <a href="#">Ex</a> Service Facility involved in Ex inspection and maintenance of Ex equipment and Ex installations to an ExCB that has been accepted by the IECEx Management Committee as an IECEx Service Facility Certificate issuing ExCB.</p> <p>Applicant Service Facilities are encouraged to check the completeness of the application using the checklist in Annex B.</p> <p>Where the Service Facility is located in a non-IECEx participating country, the ExCB shall in conjunction with the <del>IECEx Secretariat</del> <a href="#">ExMC Secretary</a>, arrange for payment to the IECEx account of the surcharge, in accordance with <a href="#">IECEx OD 019</a>.</p>	<p>IECEx 03-4  <a href="#">IECEx OD 019 (IECEx Participation and Scheme Fees)</a></p>	The Applicant	Applications for an IECEx Service Facility Certificate of Conformity will verify compliance with the requirements of IECEx Scheme and relevant Operational Documents.

Readline

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Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
2	<p>Contract review to be conducted by the ExCB receiving the application, in accordance with the ExCB's own Quality Management System (QMS) and as required by ISO/IEC_17065. Contract review shall include:</p> <ul style="list-style-type: none"> <li>• A review to determine whether the Service Facility has had an IECEx Service Facility Certificate of Conformity for inspection and maintenance previously issued by other ExCBs, which has since been suspended/cancelled</li> <li>• Whether the Service facility has an established Quality Management System (QMS)</li> <li>• Whether a surcharge applies for Service facilities from non IECEx member countries</li> <li>• Estimation of time and costs to complete project</li> <li>• Determination of any special requirements, e.g. travel for site audit etc.</li> <li>• Agreement on method and system of payment by applicant, in accordance with ExCB's own policy and Quality Management System (QMS)</li> <li>• <a href="#">Confirmation that the application is within the scope of the ExCB</a></li> </ul>	<p>ExCBs own Certification procedures as included in their Quality Management System (QMS) ISO/IEC 17065 ISO/IEC 17021</p>	ExCB	<p>The results of the contract review shall be documented and recorded.</p> <p>Annex B can be used as a summary of the documents supplied.</p>
3	ExCB shall only proceed where the contract review has been successfully completed.		ExCB	
3a	Where the results of the <del>site audits</del> <a href="#">contract review</a> are unsuccessful, ExCB shall communicate in writing to the applicant with the applicant free to amend their application or select another ExCB, when the ExCB's scope of IECEx acceptance does not cover the application.		ExCB	
4	The ExCB receiving the application shall conduct a Document Review Assessment of the Service Facility's quality management system procedures to ensure that the process applicable requirements of IEC 60079-14 and	IEC 60079-14 IEC 60079-17	ExCB that received the application	The document review may be conducted at the Service Facility's site or

Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
	<p>IEC 60079-17 have been integrated as part of the Service Facility’s Quality Management System (QMS).</p> <p>The Document Review and subsequent steps 4 to 7 may be conducted either off-site prior to the on-site assessment or as part of the on-site assessment at the Service Facility’s premises.</p> <p>During this document review, the ExCB should take special note of the persons listed as “Competent” by the Ex Service Facility, within their Quality Management System with the ExCB satisfying itself that the person(s) identified as “Competent” possess the necessary competencies, as defined in IEC 60079-14, IEC 60079-17 and in IECEx OD 504 (Specification for Units of <a href="#">Competency Competence</a> assessment outcomes), Units of <a href="#">Competency Competence</a></p> <ul style="list-style-type: none"> <li>- Ex 004 - Maintain equipment in explosive atmospheres,</li> <li>- Ex 007 - Perform visual &amp; close inspection of electrical installations in or associated with explosive atmospheres, and</li> <li>- Ex 008 - Perform detailed inspection of electrical installations in or associated with explosive atmospheres.</li> </ul>	<p>IECEX 03-4 IECEX OD 504</p>		<p>elsewhere.</p> <p>An IECEx 03-4 FAR provides a mechanism for the reporting of the evaluation of this Document Review and shall be compiled at the end of this document review process.</p> <p>Reference should be made to requirements set forth in IECEx OD 504, Units of <a href="#">Competency Competence</a> Ex 004 (Maintain equipment in explosive atmospheres), Ex 007 (Perform visual &amp; close inspection of electrical installations in or associated with explosive atmospheres) and Ex 008 (Perform detailed inspection of electrical installations in or associated with explosive atmospheres).</p>

Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
5	An IECEx 03-4 FAR shall be compiled by the ExCB, provided to the Service Facility and retained on the ExCB files. Where a Service Facility operates multiple sites then each site shall be separately assessed and covered by their own FAR <u>or a</u> combined FAR, however a CoC covers one site only.	IECEX 03-4 FAR	ExCB	For Ex inspection and maintenance Service Facilities with multiple sites each site <u>shall</u> be inspected. It is permissible for the ExCB to issue one IECEx 03-4 FAR covering all sites however each site shall have their own CoC.
6	The ExCB shall determine whether compliance to <a href="#">IEC 60079-14</a> and / or <a href="#">IEC 60079-17</a> has been established. It is necessary that the Service Facility's procedures are fully in line with those requirements specified in <a href="#">IEC 60079-14</a> and / or <a href="#">IEC 60079-17</a> before the application for IECEx Service Facility certification can proceed.	<a href="#">IEC 60079-14</a> <a href="#">IEC 60079-17</a>	ExCB	IECEX 03-4 FAR to record results of assessment against <a href="#">IEC 60079-14</a> and / or <a href="#">IEC 60079-17</a> requirements and to report on-site audit results.
7	At this stage the documentation review can be considered as complete.			
8	<p>The ExCB prepares for an on-site audit visit of the Service Facility's site to be listed on the Certificate, to determine compliance with the Quality Management System (QMS) requirements of <a href="#">IECEX OD 314-4</a>.</p> <p>Where the Service Facility has more than one permanent site then the ExCB shall visit each site or arrange to have each independently assessed with each site covered by its own <u>or a combined FAR</u>.</p> <p>Where the ExCB has conducted site audits of the Service Facility prior to an application being lodged, the ExCB may use all or part of the results from that site visit However in such cases, an IECEx 03-4 FAR shall be compiled and registered on the IECEx On-line Certificate system. Refer to Annex A.</p>	<a href="#">IECEX OD 314-4</a>	ExCB	<p>Permanent sites are listed on the Certificate, whereas operational <u>or temporary (as non-permanent)</u> sites are not.</p> <p>Permanent sites are subjected to the audit with operational/temporary sites being subjected to a sampling arrangement according to <a href="#">ISO/IEC_17020</a>.</p>

Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
9	An assessment of the Service Facility's quality system documents shall be conducted to verify compliance with <a href="#">IECEX OD 314-4</a> .	<a href="#">IECEX OD 314-4</a>	ExCB	
9a	<a href="#">If applicable</a> , ExCB to issue a Non-Conformance Report, in accordance with the guidelines in <a href="#">IECEX OD 025</a> .	<a href="#">IECEX OD 025</a>	ExCB	
10	Preparation for the IECEx On-Site Quality Management System ( <a href="#">QMS</a> ) assessment.	<a href="#">IECEX OD 314-4</a> <a href="#">IECEX OD 025</a>	ExCB	<a href="#">The on-site assessment shall include verification of competencies competence of personnel.</a>
11	The Service Facility audit report (FAR) shall be compiled by the ExCB.  Where serious deficiencies in the Service Facility's documented Quality Management System (QMS) plans may give rise to non-complying Ex inspections and maintenance of equipment <a href="#">and installations</a> or where <a href="#">there are</a> serious deficiencies in the Service Facility's document <a href="#">ation</a> -  <a href="#">These</a> shall be raised by the ExCB as non-conformances and the applicant and Service Facility required to take action to correct this situation (usually by the introduction or amendment of QMS plans), prior to proceeding with the issue of an IECEx Service Facility Certificate of Conformity.  <a href="#">The process may only continue where ALL Non-conformances have been closed</a>	IECEX 03-4 FAR <a href="#">IECEX OD 314-4</a>	ExCB	
12	An independent review of the Draft Service Facility Audit Report (FAR) shall be conducted, prior to issue, by the ExCB as a requirement of ISO/IEC 17065 and shall be conducted by ExCB staff not involved in the audit.  Where errors are identified a revised FAR may need to be prepared.	ISO/IEC 17065	ExCB	Should the independent review reveal a major discrepancy or changes in the application, a further on-site assessment may need to be considered.

Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
13	Where the Independent review raises questions that need to be resolved, these shall be referred to the ExCB for correction or further action.		ExCB conducting the audit	
14	<p>The final Service Facility Audit Report (FAR) shall be issued, by the ExCB to the applicant and a copy retained on the ExCB file.</p> <p>The ExCB that received the application for certification shall issue the FAR and register the FAR on the IECEx on-line system.</p> <p>However, where multiple sites exist, it is permissible for an ExCB that received the original application (ExCB A) to arrange for another ExCB (ExCB B, <u>that has been accepted to operate in the IECEx 03-4 Scheme with relevant scope of acceptance</u>) to conduct the site audit of local sites on their behalf; however, it is ExCB A that shall issue the final FAR and register this on the On-Line system.</p> <p>The ExCB issuing the FAR shall “Register” the FAR on the IECEx “On-Line” Certificate of Conformity System, in similar fashion as registering a QAR for an IECEx Certificate covering <u>Ex equipment or a PCAR for an IECEx covering Ex personnel competences (ExCoPC)</u>.</p> <p>The registration process provides a database of information such as:</p> <ul style="list-style-type: none"> <li>• Unique FAR reference number or identifier</li> <li>• Name and address of Service Facility covered by FAR</li> <li>• Date of audit completion</li> <li>• Scope of Service Facility and listed type of protection</li> <li>• Any comments that the ExCB feels should be noted</li> </ul>	<p><a href="#">IECEx OD 314-4</a></p> <p><a href="#">IECEx OD 011 Part 3</a></p>	ExCB that issues the FAR	<p>ExCB shall be assigned a unique password to allow the ExCB to enter the Data “On-Line”</p> <p>Contact the IECEx Secretariat for any questions or concerns.</p> <p><a href="#">IECEx OD 011-3</a> provides guidance to ExCBs on the registering of issued FARs and the compiling and issuing of On-Line Certificates of Conformity under the Certified Service Facility Program.</p>



Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
15	<p>The ExCB to whom the application for an IECEx Service Facility Certificate was made shall conduct a certification review, in accordance with their quality management system, ensuring among others that:</p> <ul style="list-style-type: none"> <li>• Any Non Conformances have been successfully <b>closed</b></li> <li>• All stages of the certification process have been documented and followed, including those contained in this Operational Document</li> <li>• The ExCB have a signed commitment by the applicant to abide by the <b>Rules</b> of the IECEx Scheme and ExCB's certification conditions, e.g. agreement to have the ExCB undertake or arrange for surveillance audits</li> <li>• The applicant is aware of his/her obligations under the IECEx scheme, including ensuring that any promotional material does <b>not</b> contain misleading information that may infer products or services NOT covered by IECEx certification are covered</li> </ul>	IECEX 03-4 ExCB's own Quality Management System (QMS)	The person authorized to conduct such review within the ExCB to whom the original application was made	Contact the IECEx Secretariat for any questions or concerns.
15a	Where the review undertaken in step 15 is not successful, the ExCB management shall refer the matter to ExCB staff or applicant Service Facility as appropriate.		Management of the ExCB to whom the original application was made	Contact the IECEx Secretariat for any questions or concerns.
16	IECEX Service Facility Certificate shall be compiled using the IECEx "On-Line" system via the password protected system.  <a href="http://iecex.iec.ch/iecex/exs.nsf/ex_sf.xsp?v=s">http://iecex.iec.ch/iecex/exs.nsf/ex_sf.xsp?v=s</a>	Refer IECEx website <a href="http://www.iecex.com">www.iecex.com</a>  <a href="#">IECEX OD 011-3</a>	The person authorized to issue IECEx Certificates of Conformity within the ExCB to whom the original application was made	Contact the IECEx Secretariat for any questions or concerns.

Step	Section 1 – Procedures for the issuing of an IECEx Service Facility Certificate of Conformity – Description of activity	Related documents	By whom	Notes/Comments
17	<p>A draft of the IECEx Service Facility Certificate is to be reviewed for errors. It may be beneficial to pass a draft copy to the applicant for them to assist in the final review prior to issuing the certificate.</p> <p>While the Draft Certificate is created “On-Line” the ExCB may create a protected PDF copy and send this to the Applicant, refer to <a href="#">IECEX OD 011-3</a> for guidance.</p> <p>Every attempt shall be made to correct errors prior to issuing the certificate.</p>	<p>Original application form submitted by the applicant</p> <p><a href="#">IECEX OD 011-3</a></p>	<p>The person authorized to issue IECEx Certificates of Conformity within the ExCB to whom the original application was made</p>	<p>The Electronic version residing on the IECEx “On-Line” System remains the master version. Any printing or hard copying is considered “un-controlled” copies.</p> <p>Contact the IECEx Secretariat for any questions or concerns.</p>
18	<p>Certificate is issued via the IECEx “on-Line” registration system with the applicant being informed in writing by the ExCB, via letter, fax or <del>e</del>-mail.</p>		<p>The person authorized to issue IECEx Service Facility Certificate within the ExCB to whom the original application was made</p>	<p>Contact the IECEx Secretariat for any questions or concerns.</p>
19	<p>Certification Maintenance begins, refer to Section 2 of this Operational Document.</p> <p>The ExCB issuing the IECEx Service Facility Certificate is responsible for the on-going maintenance of the certificate which shall include:</p> <ul style="list-style-type: none"> <li>• Conducting or arranging for surveillance assessments/audits</li> <li>• Responding to public inquiries regarding the certificate</li> <li>• Taking necessary action when aware of possible breaches by the applicant</li> </ul>	<p>IECEX 03-4</p> <p><a href="#">IECEX OD 025</a></p> <p>ISO/IEC 17065</p> <p>ExCB’s own Quality Management System (QMS)</p>	<p>Management of the ExCB that issued the IECEx Certificate of Conformity</p>	<p>Contact the IECEx Secretariat for any questions or concerns.</p> <p>The first surveillance audit begins <u>not more than</u> 12 months from the last audit, unless otherwise justified by the ExCB.</p>

## SECTION 2 – PROCEDURES FOR MAINTAINING VALIDITY OF AN IECEX SERVICE FACILITIES CERTIFICATE

This Section is to be applied by ExCBs to ensure that IECEX Service Facility Certificate remain valid.

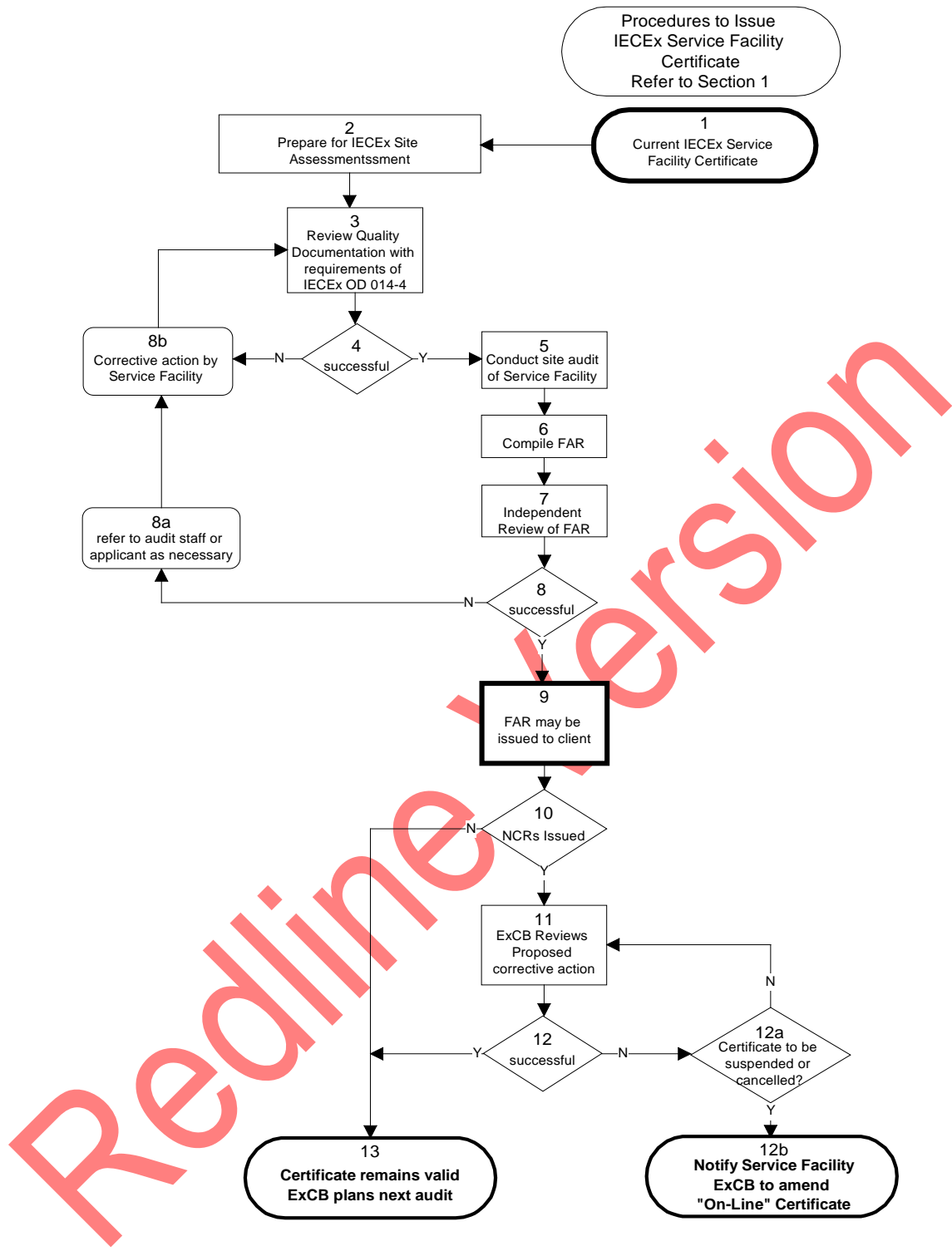
These steps are in line with the requirements of ISO/IEC 17065, *Conformity assessment – Requirements for bodies certifying products, processes and services*, and ISO/IEC 17021, *Conformity assessment – Requirements for bodies providing audit and certification of management systems* in addition to the requirements as laid down in the IECEX Scheme Rules, IECEX 03-4.

While this Section provides guidance to ExCBs when conducting surveillance audits of Service Facilities to ensure the on-going credibility of the scheme it may be necessary for the ExCB to conduct unscheduled visits of the Service Facility, of sample assessment of inspected and maintained Ex equipment and Ex installations for serious cases, ~~or even~~ and noting such instances on the ExCBs files for raising at the next surveillance audit.

At any time during the maintenance of an IECEX Service Facility Certificate, the IECEX Secretariat, ~~Officers~~ Executive and Management Committee are available to provide assistance with the understanding of the process and expectation of outcomes of such surveillance activity.

Certification maintenance comprises the following activities:

- a) **Annual site audits** by the ExCB conducted at no more than 12 month intervals with the FAR up-issued at the end of such audit
- b) **3 Year Re-assessment** by the ExCB involving both a review of the Service Facility's documented quality system procedures and a site audit with the FAR up-issued at the end of the audit-re-assessment.



Step	Section 2 – Procedures for maintaining an <a href="#">IECEX Service Facility Certificate of Conformity</a> <del>IECEX Certificate of Conformity</del> – Description of activity	Related documents	By whom	Notes/Comments
1	IECEX Service Facility Certificate verified as valid by the ExCB that issued the Certificate and confirms details on IECEX Certificate website are current and correct, e.g. Service Facility location(s), scope of activities, engagement of Responsible Persons and Operatives satisfying the requirements of <a href="#">IEC 60079-14</a> and / or, <a href="#">IEC_60079_17</a> and <a href="#">IECEX_OD 504</a> , etc.	<a href="#">IEC 60079-14</a> <a href="#">IEC 60079-17</a> IECEX 03-4 <a href="#">IECEX OD 504</a> IECEX Service Facility Certificate	ExCB that issued the IECEX Service Facility Certificate	<p>Surveillance audits shall be conducted at not more than <u>12-month</u> intervals for which a Facility Assessment Report (FAR) shall be <u>up</u>-issued.</p> <p>Over the course of a <u>3-year</u> period a full review of the Quality Management System (QMS) shall be undertaken.</p> <p>This does not prevent an ExCB from conducting a full review of the Quality Management System (QMS) procedures at any surveillance audit where there have been major changes to an organization.</p> <p>Attention is drawn to the IECEX CoPC Scheme and Operational Document <a href="#">IECEX OD_504</a> (Specification for Units of Competency Assessment Outcomes), Units of Competency Units of Competency Ex 004, Ex_007 and Ex 008.</p>

Redline Version

Step	Section 2 – Procedures for maintaining an <a href="#">IECEX Service Facility Certificate of Conformity</a> <del>IECEX Certificate of Conformity</del> – Description of activity	Related documents	By whom	Notes/Comments
2	<p>ExCB that issued the IECEX Service Facility Certificate shall conduct the surveillance audit and may utilise resources from other ExCBs within the IECEX 03-4 Scheme for Ex inspection and maintenance.</p> <p>An audit plan should be prepared especially where more than one Service Facility location is involved.</p>	<p>ExCBs own Quality Management System</p> <p><a href="#">IECEX OD 314-4</a></p> <p><a href="#">IECEX OD 025</a></p>	ExCB that issued the IECEX Service Facility Certificate	The ExCB should check that the Service Facility conducts work in accordance with the IECEX Scheme for activities within the IECEX Certified scope.
3	<p>Review of the Service Facility's quality documentation to ensure that any changes since the last audit complies with the requirements of <a href="#">IEC 60079-14</a>, and / or IEC 60079-17 and IECEX OD 314-4. This review of documentation may take place either prior to the site visit or as part of the site visit and audit of the Service Facility's premises. Special attention is drawn to the following:</p> <ul style="list-style-type: none"> <li>• Changes in personnel, especially Responsible Persons and Operatives</li> <li>• Changes in management and management systems</li> <li>• Facilities, equipment, software and documentation management system, their availability, maintenance and update</li> <li>• Calibration of test and measuring equipment</li> <li>• Records and traceability of completed work</li> <li>• Customer feedback/complaints</li> <li>• Others</li> </ul>	<p><a href="#">IEC 60079-14</a></p> <p>IEC 60079-17</p> <p><a href="#">IECEX OD 314-4</a></p> <p>IECEX 03-4</p> <p><a href="#">IECEX OD 025</a></p>	ExCB conducting the audit	
4+8a	Where the document review reveals non-compliance with the requirements of <a href="#">IEC 60079-14</a> , and / or IEC 60079-17 or <a href="#">IECEX OD 314-4</a> , the ExCB shall determine whether the non-conformance is such that they need correction prior to continuing with the site audit.	<p><a href="#">IEC 60079-14</a></p> <p>IEC 60079-17</p> <p><a href="#">IECEX OD 314-4</a></p> <p><a href="#">IECEX OD 025</a></p>	ExCB	

Step	Section 2 – Procedures for maintaining an <a href="#">IECEX Service Facility Certificate of Conformity</a> <del>IECEX Certificate of Conformity</del> – Description of activity	Related documents	By whom	Notes/Comments
5	<p>Following the document review, the ExCB shall carry out the site audit using <a href="#">IECEX OD 025</a> for guidance.</p> <p>Site audits shall include site listed on the certificate and a sample of operational sites/locations, using the sampling requirements of <a href="#">ISO/IEC 17020</a> as a guide.</p>	<p><a href="#">IECEX OD 025</a>  <a href="#">IECEX OD 314-4</a>  <a href="#">ISO/IEC 17020</a></p>	ExCB	
6	A Facility Audit Report (FAR) shall be completed by the ExCB conducting the audit.	<p>IECEX 03-4 FAR  <a href="#">IECEX OD 025</a></p>	ExCB conducting the audit	
7	<p>The ExCB that issued the IECEX Service Facility Certificate shall conduct an independent review of the prepared FAR. This review shall verify among other items:</p> <ul style="list-style-type: none"> <li>• That a complete audit as planned had been conducted</li> <li>• Necessary documentation and records available</li> <li>• Confirmation that the auditor/team was appropriate, especially where another ExCB is involved in the audit</li> </ul>	<p><a href="#">IECEX OD 025</a>  <a href="#">IECEX OD 314-4</a>  IECEX 03-4</p>	ExCB that issued the IECEX CoC	

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Step	Section 2 – Procedures for maintaining an <a href="#">IECEX Service Facility Certificate of Conformity</a> <del>IECEX Certificate of Conformity</del> – Description of activity	Related documents	By whom	Notes/Comments
8, 8a	<p>Where the FAR reveals that the audit was incomplete, not conducted in accordance with <a href="#">IECEX OD 025</a> or contains errors the matter is to be raised with the audit staff and applicant listed on the IECEX Service Facility Certificate, as appropriate.</p> <p>The purpose of the FAR review is for the ExCB to be assured that they have sufficient objective evidence that the Service Facility's Quality Management System (QMS) and associated quality plans enable Ex inspection and maintenance to be conducted in accordance with the requirements of <a href="#">IEC 60079-14</a>, and / or IEC 60079-17 and <a href="#">IECEX OD 314-4</a> for the scope listed on the IECEX Service Facility Certificate.</p> <p>This review may require a revised FAR to be issued or even a subsequent audit of the Service Facility where it is identified that the audit was incomplete or insufficient or unqualified auditor(s) used.</p>	<a href="#">IEC 60079-14</a> IEC 60079-17 <a href="#">IECEX OD 025</a> IECEX 03-4 <a href="#">IECEX OD 314-4</a>	ExCB that issued the IECEX Service Facility Certificate	Where a subsequent audit is required due to errors on the part of the ExCB, such audits may need to be conducted at the ExCB's own expense.
9	FAR may now be issued to the applicant listed on the IECEX Service Facility Certificate. The ExCB responsible for conducting the audit shall update the IECEX "On-Line" database registration system for the FAR.	<a href="#">IECEX OD 025</a> <a href="#">IECEX OD 011 Part 3</a>	ExCB that issued the IECEX Service Facility Certificate	

Ready for Review



Step	Section 2 – Procedures for maintaining an <u>IECEX Service Facility Certificate of Conformity</u> <del>IECEX Certificate of Conformity</del> – Description of activity	Related documents	By whom	Notes/Comments
10, 11 + 12	<p>The ExCB that issued the IECEX Service Facility Certificate shall review proposed corrective actions relating to Non Conformance Reports (NCRs) in terms of:</p> <ul style="list-style-type: none"> <li>• The time to implement such action is appropriate</li> <li>• Whether a follow up audit is necessary or can verification be handled at the next scheduled surveillance audit</li> </ul> <p>It should be noted that where NCRs are raised consideration must be given to the likelihood of non-complying installations.</p> <p>ISO/IEC Guide 27 should be consulted by the ExCB issuing the IECEX Service Facility Certificate.</p>	<p><u>IECEX</u> OD 314-4  <u>IECEX</u> OD 025            ISO/IEC Guide 27</p>	<p>ExCB that issued the IECEX Service Facility Certificate</p>	<p>Contact the IECEX Secretariat for any questions or concerns.</p> <p><u>Normally the FAR is issued to the applicant following closure of NCRs</u></p>
12a + 12b	<p>The ExCB that issued the IECEX Service Facility Certificate will need to determine whether the IECEX Service Facility Certificate needs to be suspended or cancelled. Given the seriousness of the situation, prompt action by the ExCB is required. This includes, notifying the applicant listed on the IECEX Service Facility Certificate in writing and amending the Status of the “On-Line” Service Facility Certificate to reflect either “Suspended” or “Cancelled” as determined by the ExCB responsible for issuing the IECEX Service Facility Certificate.</p> <p>Where disputes arise that cannot be resolved between the ExCB and Service Facility, such matters may be referred to the IECEX Board of Appeal after exhausting the appeal process of the ExCB, via the IECEX Secretariat.</p>	<p>IECEX 03-4</p>	<p>ExCB that issued the IECEX Service Facility Certificate</p>	<p>Contact the IECEX Secretariat for any questions or concerns.</p>

Step	Section 2 – Procedures for maintaining an <a href="#">IECEX Service Facility Certificate of Conformity</a> <del>IECEX Certificate of Conformity</del> – Description of activity	Related documents	By whom	Notes/Comments
13	<p>Where ExCB is satisfied that a full and complete surveillance assessment/audit has been completed demonstrating compliance with the requirements of IECEx 03-4, <a href="#">IEC 60079-14</a>, and / or IEC 60079-17 and <a href="#">IECEX OD 314-4</a> the ExCB that issued the IECEx Service Facility Certificate shall confirm that the details of the IECEx Service Facility Certificate as recorded on the IECEx website are accurate and up to date.</p> <p>The ExCB shall then schedule the next surveillance audit visit, which shall be at intervals not exceeding 12 months, and a re-assessment to be conducted as part of the third annual surveillance audit visit.</p>	<p>IECEX 03-4  <a href="#">IEC 60079-14</a>            IEC 60079-17  <a href="#">IECEX OD 314-4</a></p>	<p>ExCB that issued the IECEx Service Facility Certificate</p>	<p>Contact the IECEx Secretariat for any questions or concerns.</p>

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## Annex A

### Acceptance of Quality Assessment and Audit Data Obtained prior to the Application for an IECEX Service Facility Certificate for Ex inspection and maintenance

#### A.1 Introduction

This Annex sets out the conditions upon which quality assessment data can be accepted for a Service Facility applying for an IECEX Service Facilities Assessment Report (FAR) or IECEX Service Facility Certificate.

#### A.2 Acceptable use

##### A.2.1 Acceptance of quality assessment and audit data obtained prior to the acceptance of an ExCB by the IECEX Management Committee

ExCBs may use quality management assessment or audit data obtained prior to the ExCB's acceptance into the IECEX Scheme only when ALL of the following criteria have been met:

- a) Previous audit covered another Appropriate Service within the IECEX 03 Service Facility Scheme
- b) Quality management assessments were conducted by the ExCB's personnel with [the competencies-competence](#) required for the IECEX 03-4 [Scheme](#).
- c) No Non-conformances were raised at the time of the IECEX Assessment, such that corrective actions by way of new/modified processes or new personnel were required in order to gain acceptance as an ExCB.
- d) The ExCB can demonstrate that the general requirements of IECEX\_OD 314-4 have been met; and
- e) An IECEX Service Facility Certificate shall not be issued where any Major non-conformances, as defined in [IECEX OD 025](#) remain outstanding.

**Annex B**

**Documentation checklist for Certification of Ex Service Facility  
for Ex inspection and maintenance**

The following is a list of specific documentation that a Service Facility should have in place in seeking IECEX Certification as an IECEX Certified Service Facility.

Items 2, 3, 4, should be made available to the ExCB prior to the site audit being undertaken.

1)	Applicant name... Date...	
2)	Ex Service Facility application details as per IECEX 03-4 Clauses 9.2 and 9.4. Name, Country, Contact details Short history, and description of Service Facility Legal status Addresses where Service Facility carries out its operations that are to be covered by IECEX Certification Any other relevant information about the Ex Service Facility	<input type="checkbox"/>
3)	Letter or ExCB application form from applicant <a href="#">Ex</a> Service Facility to ExCB requesting certification under IECEX Service Facility <a href="#">Scheme</a>	<input type="checkbox"/>
4)	Declaration of relevant competence/capability as follows: a) competence of responsible persons and operatives b) listing of Ex types of protection and Scope of work to be covered by IECEX Service Facility Certification c) Identification of testing and measurement capabilities	<input type="checkbox"/>
5)	Documentation, such as Quality Management System (QMS) manual, showing compliance with requirements a) compliance of quality systems to <a href="#">IECEX</a> OD 314-4 b) compliance of Service Facility to technical requirements of <a href="#">IEC 60079-14</a> and / or <a href="#">IEC 60079-17</a> This information may be provided during the on-site assessment, however the application should indicate what information is available	<input type="checkbox"/>
6)	Organization charts of the candidate <a href="#">Ex</a> Service Facility Particular attention should be given to those authorized to release completed work	<input type="checkbox"/>
7)	<a href="#">Ex</a> Service Facility procedure for maintaining competence of responsible persons and operatives	<input type="checkbox"/>

### **SECTION 3 – PROCEDURES FOR THE PROCESSING OF APPLICATIONS FOR EXTENSION OF SCOPE TO AN IECEX CERTIFIED SERVICE FACILITY**

This Section is to be applied by ExCBs when processing applications for a change to IECEX Service Facility Certification, including extension to the scope of an IECEX Certified Service Facility.

These steps are in line with the requirements of ISO/IEC\_17065, *Conformity assessment – Requirements for bodies certifying products, processes and services*, in addition to the requirements as laid down in the IECEX [03-4](#) Scheme [Rules](#), IECEX 03-4.

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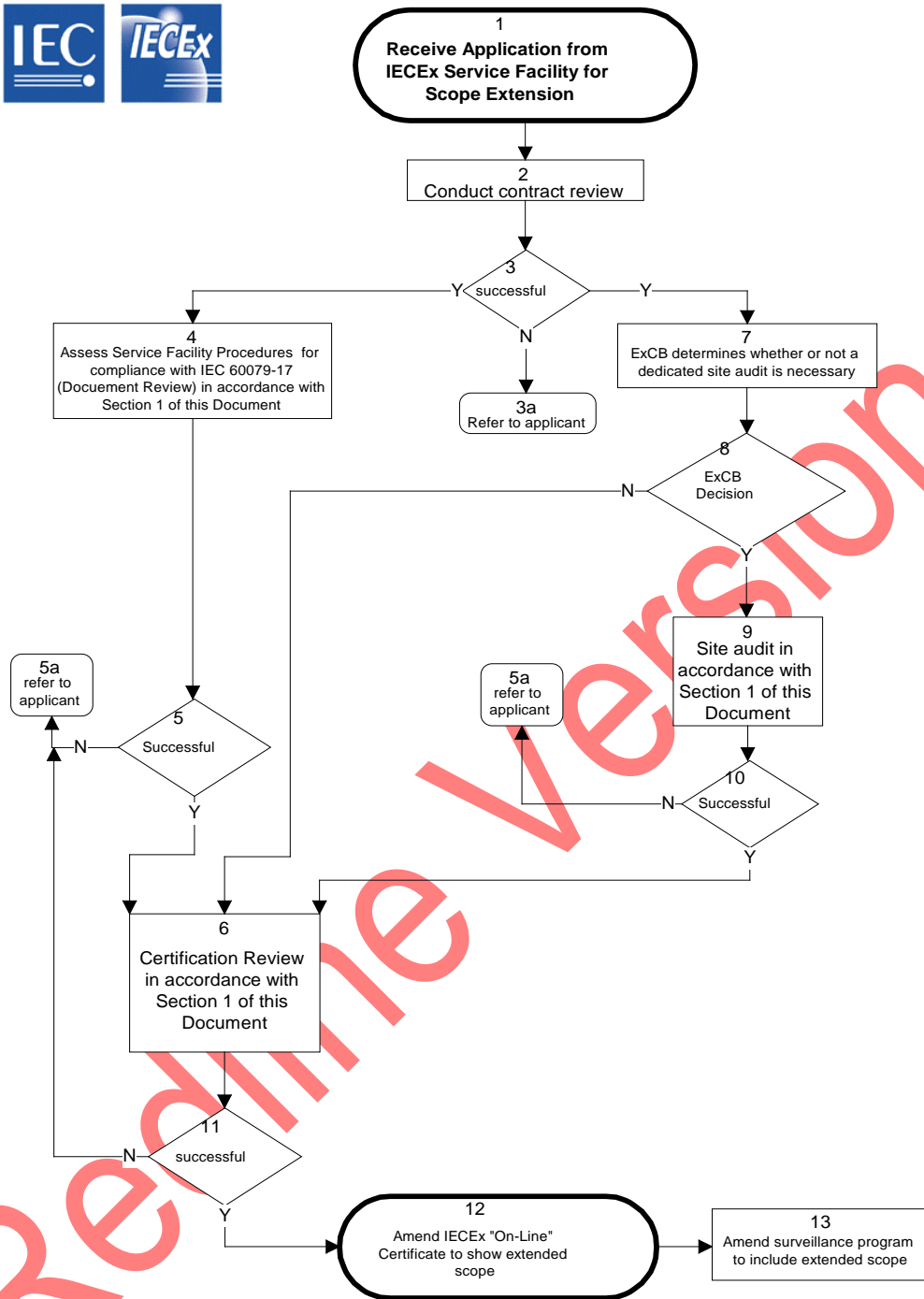


Figure 3 - IECEX Service Facility Certification Changes, including Scope Extension

Step	Section 3 – Procedures for the processing of applications for extension of scope to an IECEx Certified Service Facility – Description of activity	Related documents	By whom	Notes/Comments
1	IECEX Certified Service Facility lodges application for Changes to their Certification to the ExCB that issued the IECEx Service Facility Certificate.	IECEX 03-4 IECEX Service Facility Certificate	Service Facility holding the IECEx Certificate	
2	<p>ExCB that issued the IECEx Service Facility Certificate shall conduct a contract review to determine, among others, that:</p> <ul style="list-style-type: none"> <li>• The application is within the Scope of the IECEx Scheme</li> <li>• All necessary information has been provided by the applicant</li> <li>• The requested changes, including new scope of Ex inspection and maintenance is within the Scope of the ExCB</li> <li>• Consideration of Sites to be covered</li> </ul>	ExCBs own Quality Management System IECEX 03-4	ExCB that issued the IECEx Service Facility Certificate	
3	<p>The ExCB shall inform the applicant of these results and shall record the contract review outcomes within their documented record system.</p> <p>Where unsuccessful, the ExCB shall inform the applicant and the applicant to determine the next course of action if any.</p>	OD 314-4 IECEX 03-4	ExCB receiving the application	
4	<p>A document Review shall be conducted by the ExCB receiving the application, in accordance with the procedures detailed in Step 4 of Section 1 of this Operational Document.</p> <p>A FAR shall be compiled where the extension of scope application relates to an Ex protection technique not already covered by the existing IECEx Certification.</p> <p>In such cases, only the Section relating to the Ex types of protection, under the scope extension needs to be completed.</p>	<a href="#">IECEX OD 314-4</a> <a href="#">IEC 60079-14</a> IEC 60079-17 <a href="#">IECEX OD 025</a>	ExCB	

Step	Section 3 – Procedures for the processing of applications for extension of scope to an IECEx Certified Service Facility – Description of activity	Related documents	By whom	Notes/Comments
5	The findings of this document Review shall be retained on the ExCB's documented record system for future reference.	<a href="#">IECEX OD 025</a> <a href="#">IECEX OD 314-4</a>	ExCB	
6	A final certification review shall be conducted in accordance with the requirements detailed in Section 1 of this Operational Document.		ExCB conducting the audit	
7	<p>The ExCB that issued the original IECEx Service Facility Certificate shall determine whether or not a site assessment visit is necessary before issuing a new Issue of the IECEx Service Facility Certificate. Such items that influences the ExCB's decision include:</p> <ul style="list-style-type: none"> <li>• Whether the change is regarded as Administrative, e.g. name change with no change to the Quality Management System (QMS)</li> <li>• Whether the extension is to cover <del>the installation and initial inspection to</del> inspection and maintenance activities outside their existing scope covered by the existing IECEx Service Facility Certificate</li> <li>• Whether the application for scope extension is to include a new or additional location</li> <li>• Whether the change to certification includes changes to the nominated Responsible Persons and Operatives</li> <li>• Others</li> </ul> <p>It is expected that where new locations are to be added or a Service Facility has changed their location, that the ExCB conduct a site assessment, to ensure the on-going capabilities of the Service Facility.</p>	<a href="#">IECEX OD 025</a> <a href="#">IECEX OD 314-4</a> IECEx 03-4	ExCB that issued the IECEx Service Facility Certificate	While the ExCB responsible for the issuing of the original certificate shall make the decision on the extent of assessment required, they may seek guidance from other ExCBs or the IECEx Secretariat.
8	The ExCB shall record the decision from Step 7 in their Record Document System.		ExCB that issued the IECEx Service Facility Certificate	



Step	Section 3 – Procedures for the processing of applications for extension of scope to an IECEx Certified Service Facility – Description of activity	Related documents	By whom	Notes/Comments
9	Site audit visit in accordance with the procedures and steps detailed in Section 1 of this Operational Document, including the method of reporting.	<a href="#">IECEx OD 314-4</a> <a href="#">IECEx OD 025</a>	ExCB that issued the IECEx Service Facility Certificate	
10	The ExCB shall record the site audit visit in accordance with the requirements of Section 1 of this Operational Document.  Where the results of site audit visit are unsuccessful, the applicant shall determine the next course of action which shall be either the corrective action to address Non Conformances or re-submitting an application.	<a href="#">IECEx OD 314-4</a> <a href="#">IECEx OD 025</a>	ExCB that issued the IECEx Service Facility Certificate	Contact the IECEx Secretariat for any questions or concerns.
11	Where the results of the site audit are unsuccessful the matter shall be reported to the applicant who shall determine the next course of action which shall be either the corrective action to address Non Conformances or re-submitting an application.		ExCB and Applicant	
12	A new issue of the Certificate is issued by the ExCB responsible for issuing the original certificate, in accordance with the procedures detailed in OD 011-3	<a href="#">IECEx OD 011-3</a>	ExCB that issued the original IECEx Service Facility Certificate	
13	The ExCB shall amend their surveillance program to ensure that the changes covered by the new issue of the IECEx Service Facility Certificate are covered on future surveillance visits.		ExCB that issues the IECEx Service Facility Certificate	