



IECEX 03

Edition 2.0 2010-08

IECEX PUBLICATION

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

**IECEX Certified Service Facilities Scheme covering repair and overhaul of
Ex equipment – Rules of Procedure**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE

ZZ

CONTENTS

FOREWORD.....	3
INTRODUCTION.....	4
1 Scope.....	6
2 Normative references	6
3 Definitions	6
4 Governing of the IECEX Certified Service Facilities Scheme	7
5 Principles of the IECEX Certified Service Facilities Scheme.....	7
6 Confidentiality	8
7 IECEX Certificate issuing countries.....	9
8 IECEX instruments.....	9
9 Procedure to issue an IECEX Service Facility Certificate	10
10 Acceptance of certification bodies	13
11 IECEX publications	15
12 Complaints	16
Annex A Declaration by a certification body applying to become an Ex Certification Body for the IECEX Certified Service Facilities Scheme	17

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**IECEX Certified Service Facilities Scheme
covering repair and overhaul of Ex equipment –****Rules of Procedure**

FOREWORD

The IECEX Management Committee (ExMC) has prepared this publication.

All of the annexes to this publication are normative.

This publication is directly related to Publication IECEX 01 containing the Basic Rules of the IECEX Certification System.

This edition of IECEX 03 takes effect immediately upon publication.

The text of this publication is based on the following documents:

Document	Report on Voting/Acceptance
ExMC/543/CD	ExMC/571A/RM

This edition of the Rules of Procedure was approved for publication during the 2009 ExMC Melbourne meeting. Full information on the approval of this publication can be found in the documents indicated in the above table.

INTRODUCTION

The IECEX is a single global certification framework based on IEC International Standards. It caters for countries whose national standards are either identical to those of the IEC or else very close to IEC Standards. The IECEX is truly global in concept and practice, reduces trade barriers caused by different conformity assessment criteria in various countries, and helps industry to open up new markets. The goal is to help manufacturers reduce costs and time while developing and maintaining uniform product evaluation to protect users against products that are not in line with the required level of safety.

The aim of the IECEX System and its Schemes is to ease international trade of Explosion Protected Equipment (termed Ex equipment) by eliminating the need for duplication of testing and certification, while preserving safety. IECEX operates as an International Certification System covering products and services associated with the Ex industries.

Where do you commonly find Ex equipment?

Flammable gases, vapours and mists, as well as combustible dusts create potentially explosive atmospheres. Ex equipment in such areas include:

- Automotive refuelling stations or petrol stations
- Oil refineries, rigs and processing plants
- Oil and gas tankers, drilling ships and FPSO (Floating Production Storage Offloading vessels)
- Chemical processing plants
- Printing industries, paper and textiles
- Hospital operating theatres
- Aircraft refuelling and hangars
- Surface coating industries
- Underground coal mines
- Sewerage treatment plants
- Gas pipelines and distribution centres
- Grain handling and storage and processing (flour-milling industry)
- Woodworking areas
- Sugar refineries
- Light metal working, where metal dust and fine particles can appear

IECEX Certified Service Facilities Scheme

While certification of new Ex equipment is covered by the IECEX Certified Equipment Scheme, as detailed in Publication IECEX 02, the IECEX Certified Service Facilities Scheme provides a single international scheme for the assessment and certification of Ex related service facilities that have an impact on the on-going compliance of Ex equipment with Ex safety standards.

Manufacturers producing new Ex equipment in accordance with their Ex Equipment Certification regime, cannot be held responsible for the actions or in actions taken during Ex repair and overhaul.

The IECEX Certified Service Facilities Scheme provides Ex equipment users, regulators and the community with the confidence that Ex safety is maintained when Ex equipment is repaired, overhauled or modified by an IECEX Certified Service Facility in accordance with this Scheme.

Ex service facilities that achieve IECEX Certification are required to demonstrate compliance with stringent IECEX requirements including:

- Operational procedures and repair techniques meet IECEX technical requirements encompassing IEC 60079-19
- Possess and maintain in operating condition necessary facilities and equipment including test equipment and traceability of measurements
- IECEX quality system requirements, based on ISO 9001
- Competent personnel with current competencies related to Ex equipment standards and certification requirements
- Others necessary for proper servicing of Ex equipment

More information

Further information is available from the IECEX website: www.iecex.com, (containing free copies of the IECEX Rules and Procedures), from any of the IECEX Certification Bodies or directly from the IECEX Secretariat via the coordinates shown on the IECEX website.

IECEX Certified Service Facilities Scheme covering repair and overhaul of Ex equipment –

Rules of Procedure

1 Scope

This publication contains the Rules of Procedure of the IECEX Scheme, hereinafter referred to as the "Rules", for the certification of service facilities involved in the repair, overhaul or modification of equipment which is intended for use in explosive atmospheres (IECEX Certified Service Facilities Scheme).

The IECEX Service Facilities Scheme becomes operative as soon as at least three certification bodies have been accepted according to these rules.

Rules covering the IECEX Certified Equipment Scheme and the IECEX Certification of Personnel Competencies Scheme are given in Publications IECEX 02 and IECEX 05 respectively.

These Rules relate to the Basic Rules of the IECEX System, as given in Publication IECEX 01.

2 Normative references

The following publications contain provisions, which, through reference in this text, constitute provisions of these Rules. At the time of publication, the editions indicated were valid. The Ex Management Committee shall decide the timetable for the introduction of revised editions of the publications.

IECEX 01: 2008, *IEC System for Certification to Standards relating to Equipment for Use in Explosive Atmospheres (IECEX System) – Basic Rules*

ISO/IEC Guide 2: 2004, *Standardization and related activities – General vocabulary*

ISO/IEC Guide 65: 1996, *General requirements for bodies operating product certification systems*

ISO 9001: 2008, *Quality management systems – Requirements*

ISO/IEC 17000: 2004, *Conformity assessment – Vocabulary and general principles*