



ExMC(Dubai/CN)05
September 2019

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

Title: Report from China regarding acceptance of Ex products in China

To: Members of the IECEx Management Committee, ExMC

INTRODUCTION

This document contains a report from the China concerning acceptance of Ex Products as presented during the 2018 IECEx Cannes meeting presented during the 2019 Dubai ExMC meeting.

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国家市场监督管理总局

State Administration for Market Regulation



Updates on China CCC-Ex products

2019 9 27



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Brief introduction of CCC



EX products joining CCC



Recognition of IECEx by CCC



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- **Regulations of the People's Republic of China on Certification and Accreditation**
- **CCC China Compulsory Certification**
 - **Unified Catalogue**
 - Unified standards, technical regulations and CA procedures**
 - **Unified Mark**





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• CCC Catalogue

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2019年08月07日

认监委认证监管部主办

强制性产品认证专栏

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目录描述与界定

强制性产品认证目录

发布时间：2019-08-02 责任编辑：国家认监委

(截至到2019年7月31日,共21大类137种产品, 其中加*的20种可采用自我声明评价方式)

一、电线电缆 (4种)	1. 电线组件
	2. 交流额定电压3kV及以下铁路机车车辆用电线电缆
	3. 额定电压 450/750 V 及以下橡皮绝缘电线电缆
	4. 额定电压 450/750 V 及以下聚氯乙烯绝缘电线电缆
二、电路开关及保护或连接用电器装置 (6种)	1. 插头插座 (家用和类似用途)
	2. 家用和类似用途固定式电气装置的开关
	3. 漏电耦合器 (家用和类似用途)
	4. 熔断断体
	5. 家用和类似用途固定式电气装置电器附件外壳
	6. 小型熔断器的管状熔断体
三、低压电器 (9种)	1. 漏电保护器
	2. 断路器
	3. 熔断器
	4. 低压开关 (隔离器、隔离开关、熔断器组合电器)
	5. 其他电路保护装置
	6. 熔断器

http://www.cnca.gov.cn/bsdt/ywzl/qzxcprz/mlmsyjd/201908/t20190802_57323.shtml

21 Categories, 137 Kinds of Products



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Standards, technical regulations and CA procedures

- **Body: designated certification bodies(31) and testing laboratories(238) by August 2019**

<ul style="list-style-type: none">➤ Certification and Accreditation Administration of the People's Republic of China (CNCA)	<ul style="list-style-type: none">◆ Common Rules(7)◆ Product-Specific Rules(48)
<ul style="list-style-type: none">➤ Certification Body➤ Testing Laboratory	<ul style="list-style-type: none">◆ Detailed Implementation Rules
<ul style="list-style-type: none">➤ CNCA+SAMR local branches do the post market supervision	



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- **Common Rules(7)**

CNCA-00C-001	2008	Termination, Suspension and Withdrawal of CCC Certificate
CNCA-00C-002	2009	Additional Requirements for ODM Manufacturing
CNCA-00C-003	2013	Classification of Factories, Selection of Certification Module
CNCA-00C-004	2013	Use of MTLs and Acceptance of Test Results
CNCA-00C-005	2014	Requirements of Quality Management System
CNCA-00C-006	2014	General Requirements of Factory Audit
CNCA-00C-007	2014	Requirements for filing Detailed Implementation Rules and CCC Data Reporting



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Nov.21, 2018
WTO TBT
notification

		WORLD TRADE ORGANIZATION	G/TBT/N/CHN/1302
			21 November 2018
(18-7294)			Page: 1/1
Committee on Technical Barriers to Trade.			Original: English
6.	Description of content: The Rules describe the scope of application, certification mode, major process of certification, general requirements for certification, certificate, use of certification mark, charge, etc.		
7.	Objective and rationale, including the nature of urgent problems where applicable: Protection of human health or safety; Protection of the environment		
8.	Relevant documents: None		
9.	Proposed date of adoption: To be determined Proposed date of entry into force: 1 October 2019		
10.	Final date for comments: 60 days from notification		
11.	Texts available from: National enquiry point [X] or address, telephone and fax numbers and email and website addresses, if available, of other body: WTO/TBT National Notification and Enquiry Center of the People's Republic of China Tel: +86 10 57954630/57954627 E-mail: tbt@aqsiq.gov.cn https://members.wto.org/crnattachments/2018/TBT/CHN/18_5947_00_x.pdf		



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- CCC Catalogue-Ex product

◆ Motor	◆ Ex electric Pump
◆ Ex Power distribution devices	◆ Ex Switch, controller and limiter
◆ Ex Starter	◆ Ex Transformer
◆ Ex Actuator, solenoid valve	◆ Ex Plug and socket
◆ Ex Monitoring devices	◆ Ex Telecommunication, signal
◆ Ex Air conditioner, ventilation equipment	◆ Ex Heating equipment
◆ Ex Accessories, Ex components	◆ Ex Instrumentation
◆ Ex Sensor	◆ Ex Associated apparatus/safety barrier
◆ Ex Instrumentation box	

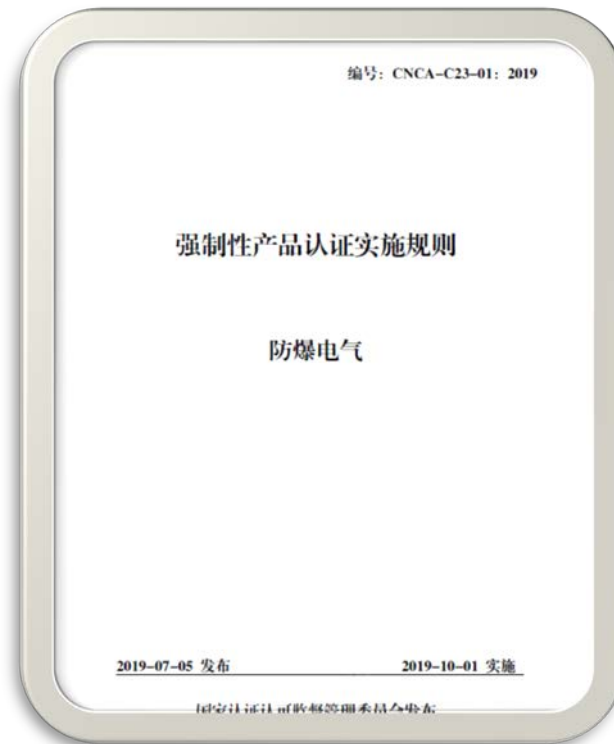


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- July 9, 2019, Product Specific Rules by SAMR Notice 2019/34
- CNCA-C23-01:2019





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- **Aug. 28, 2019 Designation of CBs(6) and TL(13)**



China Quality Certification Center



China Quality Mark Certification Group



Nanyang Explosion Protected Electrical Apparatus Research Institute Co Ltd



Shanghai Inspection and Testing Institute of Instruments and Automation system Co., Ltd



PCEC (Tianjin) Certification Services Co., Ltd



Jiamusi Electrical protected motor Research Institute



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- **Sep.25, 2019 Detailed Implementation Rule**
- Each CB is requested to file the Detailed Implementation Rule with CNCA.



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- Implementation timeline (1 year transition period)

Oct. 1, 2019	CNCA-023-01:2019 is implemented officially. Manufacturer shall submit application to CCC CB and have the CCC approval.
Oct. 1, 2020	Equipment without CCC mark is not permitted to put into Chinese market.



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- **CCC Recognition of IECEx system**
- All Chinese ExCBs are designated as CCC CBs.
- All Chinese ExTLs are designated as CCC TLs
- Ex TR is directly recognized by CCC.



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- **Contact of CCC in CNCA, China**

Ms. Du Chunjing

Email: dchj@cnca.gov.cn



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	CCC CB	Address and Contact
	China Quality Certification Center	Zone 9, 188, Nan Si Huan West Road, Fengtai District, Beijing (100070). Tel: 010-83886666. E-mail: cqsc@cqc.com.cn Website: www.cqc.com.cn
	China Quality Mark Certification Group	33, Zengguang Road, Haidian District, Beijing (100048). Tel: 010-68412862. E-mail: pct@cqm.com.cn Website: www.cqm.com.cn
 国家防爆	Nanyang Explosion Protected Electrical Apparatus Research Institute Co Ltd	20, Zhongjin North Road, Nanyang (473008). Tel: 0377-63239734. E-mail: cnex-cb@cn-ex.com Website: www.china-ex.com
 Worldwide Access	Shanghai Inspection and Testing Institute of Instruments and Automation system Co., Ltd.	103, Cao Bao Road, Xuhui District, Shanghai (200233). Tel: 021-64368180-498. E-mail: xinleifu@nepsi.org.cn Website: www.sitias.com.cn
	PCEC (Tianjin) Certification Services Co., Ltd	85-1, Dingzigu No.3 Road, Hongqiao District, Tianjin (300131). Tel: 022-26651066 022-26689040. E-mail: mazh@pcec.com.cn zhaopeng@pcec.com.cn Website: www.pcec.com.cn
	Jiamusi Electrical protected motor Research Institute	3, Anqing Road, Qianjing District, Jiamusi, Heilongjiang(154005). Tel: 0454-8326342. E-mail: dafei9387@126.com Website: www.jexm.net



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THANKS

谢谢