Certification of agricultural machinery products in China

China certification and accreditation institute
Relationship of State Council, SAMR and CCAI

State Administration for Market Regulation (SAMR)

- Department of Policy and Regulations
- Department of Food Production safety supervision
- Department of Certification supervision and management
- Department of Accreditation and inspection & testing supervision
- Certification and Accreditation Administration of China (CNCA)
- Standardization Administration of China (SAC)

State council

- authorize
- supervision
- 39 direct subordinate unit

CCAI, CNAS, China National Institute of Standardization (CNIS), ......
## Classification of certification

<table>
<thead>
<tr>
<th>Product Certification</th>
<th>Voluntary Product Certification</th>
<th>System Certification</th>
<th>Service Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 103 products in 19 categories of compulsory product certification</td>
<td>- Low-carbon products</td>
<td>- Quality management system (QMS)</td>
<td>- Financial service</td>
</tr>
<tr>
<td>- Wires and cables, circuit switches, low-voltage electrical appliances, motors, welding machines, household appliances, information technology equipment, audio and video equipment, mobile phones, power tools, motor vehicle parts, tires, safety glass, fire-fighting products, security products, decoration products, children's products, etc</td>
<td>- Energy-saving products</td>
<td>- Environmental management system (EMS)</td>
<td>- Pension services</td>
</tr>
<tr>
<td>- Plant protection machinery, tractors</td>
<td>- Occupational and Health Safety Management System</td>
<td>- Food, information security, automobile, medical, aviation and other industries</td>
<td>- After sale service</td>
</tr>
<tr>
<td>- Divided into 21 categories according to product types</td>
<td>- Low-carbon products implemented uniformly by the country</td>
<td>- Financial service, pension services, after sale service, logistics, education, catering, family medical services and other fields</td>
<td>- Logistics, education, catering, family medical services and other fields</td>
</tr>
</tbody>
</table>
Why need

Quality is a threshold that China must cross from a big manufacturing country to a powerful manufacturing country.

- Implementing the plan of the Party Central Committee and the State Council
- Structural reform needs supply side reform
- Implement the requirements of the reform of release, management and service
- Building a more open economy needs
- Internal requirements of Industrial Development

Quality certification is a basic system to strengthen quality management and improve market efficiency under the condition of market economy.
Why benefit

Background of reform
Certification is the comprehensive application of standards, measurement, inspection and testing and other quality tools. Its essence is to transfer trust and service development, to bring the third-party technical services into legal management, to form a more scientific and effective credit guarantee mechanism, to coordinate the interests of all parties, to form a consensus, to develop social co governance, to build industry ecology, and to achieve win-win results.

Essential attributes of certification and Accreditation:
Transfer trust, Service development

- “Letter of credit” of market economy: Third party certifier, passing trust to all parties
- “Physical examination certificate of quality management”: The process of obtaining a certificate is like a physical examination, and continuous supervision is carried out after obtaining the certificate
- “pass check” of international trade: Strive for "one standard, one test, one certification and global adoption"
Article 9

Perfect the compulsory certification scheme

- Establishing dynamic adjustment mechanism of authentication directory
- Introduce “self declaration”
Reform goal of compulsory product certification

- To build a comprehensive, scientific and effective CCC certification system, the system will be more mature and finalized, the security attributes will be more obvious, and the certification implementation will be more friendly.

Compulsory product certification reform measures

- Cut down on product catalog
- Lighten the burden of enterprises
- Add designated agencies
- Strengthen market supervision
2018.1.17 OPINIONS OF THE STATE COUNCIL ON STRENGTHENING THE CONSTRUCTION OF QUALITY CERTIFICATION SYSTEM AND PROMOTING TOTAL QUALITY MANAGEMENT (GF [2018] NO.3)

Article 10

- Innovate Voluntary certification scheme
- Inclusive Prudential Regulation
- Green channel
- High end quality certification
- Same line, same standard and same quality
- Regional brand building
**Government level**

Create environment, fair supervision and promote fair competition

**Institutional level**

Active, innovative and enterprising, one-stop service

**Co-governance level**

Information disclosure, social supervision and public service
Chapter 2. Accelerating the development of agricultural machinery and equipment industry with high quality

Section 6. Strengthen the quality and reliability construction of agricultural machinery and equipment

- Construction of modern agricultural machinery equipment standard system
- Strengthen the measurement and testing technology research of agricultural machinery equipment industry
- Establish and improve the agricultural machinery equipment inspection and certification system
- Certification
- Strengthen the quality supervision of agricultural machinery products
- increasing Variety, improving quality, creating brand
Compulsory certification of agricultural machinery products

- 1 major category and 2 products
- 1 copy of Certification Implementation Rules
- 482 enterprises in China, 784 certificates
- Overseas 13 enterprises, 20 certificates
Compulsory certification of agricultural machinery products

2 designated certification bodies

- China Certification Center for Agricultural Machinery
  www.ocam.com.cn
- Nanjing SAM Certification T&D Co., Ltd
  www.njsan.cn
Compulsory certification of agricultural machinery products

- National plant protection machinery quality supervision and Inspection Center
- National Agricultural Machinery Quality Supervision and Inspection Center
- Agricultural machinery appraisal station of Ministry of Agriculture/ National tractor quality supervision and Inspection Center
- Luoyang Xiyuan vehicle and Power Inspection Institute Co., Ltd (National tractor quality supervision and Inspection Center)
- Shandong Agricultural machinery product quality supervision and inspection station
- Product quality monitoring center of machinery industry tractor agricultural transport vehicle/ Vehicle product testing laboratory of Jilin University
- Sichuan agricultural machinery appraisal station
- Taizhou Institute of quality and technical supervision and testing (National Quality Supervision and Inspection Center for electrical machinery and mechanical parts)
Agricultural machinery product certification includes compulsory product certification and voluntary product certification.

- Direct acceptance of compulsory product certification results
- Pilot projects for voluntary product certification

The first batch of pilot products are: wheeled tractors below 100 horsepower, sugarcane harvesters, rotary tillers and micro tillers.
2018.11.21 NOTICE OF CNCA & THE MINISTRY OF AGRICULTURE AND RURAL AFFAIRS ON PRINTING AND DISTRIBUTING THE GENERAL REQUIREMENTS OF IMPLEMENTATION RULES FOR CERTIFICATION OF AGRICULTURAL MACHINERY VOLUNTARY PRODUCTS
ANNOUNCEMENT 2018 NO. 43

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1. **Scope**

Wheeled tractors below 100 horsepower, sugarcane harvesters, rotary tillers and micro tillers. It should be used together with the implementation rules of voluntary product certification of agricultural machinery.

2. **Certification mode**

Type test + initial factory inspection + tracking inspection after certification.
3. Certification basis standards and requirements

(1) wheeled tractors below 100 horsepower

GB 18447.1
GB/T 15370.1
GB/T 15370.2

(2) sugarcane harvesters

NY/T 2903

(3) rotary tillers

GB 10395.1
GB 10395.5
GB/T 5668
JB/T 13081

(4) micro tillers

GB 10395.10
JB/T 10266
9. Certification mark
9.1 Certification mark style

9.2 Use of certification mark
The certification mark shall be directly marked on each product
The mark can only be used on products approved for certification
The certification mark can not replace the product certificate.

9.3 Application method
Thanks