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China Compulsory Certification Implementation Rules -

Agricultural Machinery Products

强制性产品认证实施规则

农机产品

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- CNCA / China Compulsory Certification (CCC) regulations.
- Hands-on program experience with regulator CNCA for CCC mark’s compliance, approval and management.
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- Hands-on program experience with certification body CQC for “certification entrusting”, type test, initial factory audit, regular / annual factory audit (i.e. the “after-certification supervision” in this Rules).
- Manage, plan, guide and site-visit the global factories / suppliers’ global factories (i.e. the “manufacturing enterprises” in this Rules) in North America, Europe and China for CQC initial factory audit and regular annual factory audit (after-certification supervision).
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0 Introduction

This Rules is established based on the security risk and certification risk of agricultural machinery products. It stipulates the basic principles and requirements for the implementation of China Compulsory Certification for agricultural machinery products.

This Rules can be used with other general rules issued by Certification and Accreditation Administration (CNCA), such as “China Compulsory Certification Implementation Rules - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination”, “China Compulsory Certification Implementation Rules – Utilization of Manufacturing Enterprise Test Resource and Other Certification Results”, “China Compulsory Certification Implementation Rules - Factory Inspection General Requirements”.

The certification body shall make principles for certification according to the general implementation rules and this Rules and implement them accordingly.

Manufacturing enterprise shall ensure that their certified products are capable of sustaining the compliance with the certification and are compatible with the requirements of the standards.

1 Application scope

This Rules applies to agricultural machinery products, including the following product categories:

(1) Equipment for crop protection

Equipment that spray pesticides by hydraulic, pneumatic and thermal dispersion for the control of plant diseases, insects, weeds and / or other biological disoperation, including knapsack sprayer-duster, knapsack power sprayer, knapsack sprayer, knapsack electric sprayer, compression sprayer, pedestal mounted sprayer, aerosol sprayer, power sprayer, boom sprayer, air-assisted sprayer and electric pneumatic ultra-low-volume sprayer.

(2) Wheeled tractors

Wheeled tractors that are powered by single-cylinder diesel engine or multi-cylinder diesel engine of power less than 18.40kW (25 hp) (the definition of wheeled tractor refers to GB/T6960 “Tractor terminology”).

Due to the changes in the laws, regulations or related product standards, technology, industry policies and other causes which may change the applicable

scope, the announcement released by CNCA shall be final and conclusive.

2 Standards for certification

(1) Equipment for crop protection

GB 10395.6 Tractors and machinery for agriculture and forestry - Technical means for ensuring safety - Part 6: Equipment for crop protection

GB 10395.1 Agricultural and forestry machinery - Safety - Part 1: General requirements (only applies to self-propelled, semi-self-propelled, mounted, semi-mounted equipment for crop protection).

(2) Wheeled tractors

GB 18447.4 Safety requirements for tractors - Part 4: Belt-drive wheeled tractors (applies to belt-transmission tractors);

GB 18447.1 Safety requirements for tractors - Part 1: Wheeled tractors (applies to direct-link wheeled tractors).

In principle, the latest versions of above standards that are issued by the National Standardization Administration shall be executed. When other versions are required to use, then it shall be executed according to the applicable relevant standards issued by the State Certification and Accreditation Administration (CNCA).

3 Certification modes

The basic certification mode of implementing the China Compulsory Certification for agricultural machinery products is:

Type test + enterprise quality assurance capability and product conformity inspection + after-certification follow-up inspection

The certification body shall follow the requirements of “China Compulsory Certification Implementation Rules - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination” to carry out the classification management to manufacturing enterprise; consider the results of classification management; on the basis of basic certification mode, appropriately increase the combination of supervision mode after certification, so as to determine the certification mode that is applicable to certification client
[TRANSLATOR NOTE is not part of this Rules. Translator note: “certification

client”, the counterpart of certification body, refers to the Applicant / Manufacturer or its proxy (Power of Attorney). For ease of reading, hereinafter abbreviated as “CLIENT”].

4 Classification of certification-units

In principle, different-manufacturers, different-processing sites and different-product classifications are deemed as different certification-units.

Certification-units of equipment for crop protection are classified according to the principle of the similarity of products’ main structural principle, operating mode and safety requirements. Certification-units of wheeled tractors are classified according to the principle of the similarity of products’ structure type, engine power and safety performance. Specific requirements for unit classification are shown in Attachment 1 of this Rule.

5 Certification entrusting

5.1 Application and acceptance of certification entrusting

CLIENT must put forward the certification entrusting to the certification body, in an appropriate way. Certification body shall process the certification entrusting; and feedback the acceptance or rejection according to the time limit in the certification implementation rules.

When it does not comply with national laws and regulations and relevant industry policies, the certification body must not accept the certification entrusting.

5.2 Application materials

The certification body shall, in accordance with the laws and regulations, standards and other requirements, specify the checklist of application materials in the implementation detailed-rules. (It shall at least includes certification application form or contract, registration certificates of the CLIENT / manufacturer / manufacturing enterprise etc.).

CLIENT shall provide the required materials according to the requirements of application material checklist in certification implementation detailed-rules. Certification body is responsible for auditing, managing, preserving and keeping confidential of the relevant materials, and shall inform the CLIENT of the auditing results.

5.3 Implementation Arrangement

Certification body shall agree with the CLIENT on the relevant responsibilities

		ultra-low-volume sprayer	
13	Charger	Knapsack electric sprayer, electric pneumatic ultra-low-volume sprayer	Main technical specification

Attachment 3: Inspection list of wheeled tractors' critical safety components and conformity

No.	Name		Contents of conformity inspection
1	Whole-machine		Nameplate and mark, structure type, main technical parameter
2	Critical safety components	Engine	Structure type, specification, main technical parameter, manufacturing plant
3		Transmission system	Structure type, main technical specification
4		Braking system	Structure type, main technical specification
5		Steering system	Structure type, main technical specification
6		Running system	Structure type, main technical specification
7		Frame	Structure type
8		Muffler	Main technical specification
9		Windscreen	CCC certification mark and certificate
10		Fuel tank	Appearance, main technical parameter
11		Hydraulic system	Set pressure of safety valve, model specification of hydraulic hose
12		Roll-over protective structure	Structure type, main technical parameter, manufacturing enterprise
13		Safety belt	Structure type, main technical parameter, manufacturing enterprise
14		Cab	Structure type, main technical parameter, manufacturing enterprise
15		Driver's seat	Structure type, main technical parameter, manufacturing enterprise
16		Internal decorating material of cab	Material name, specification, manufacturing enterprise
17		Headlight	Model specification, manufacturing enterprise
18		Back reflector	Model specification
19		Rearview mirror	Model specification, manufacturing enterprise

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