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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 10395.18-2010

**Agricultural and forestry machinery -- Safety -- Part 18: Reel
machines for irrigation
(English Translation)**

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Foreword

All technical content in this section is mandatory.

GB 10395 "Forestry Machinery Safety" is divided into.

- Part 1. General;
- Part 2. Dump trailer;
- Part 3. manure applicator;
- Part 4. Forest winch;
- Part 5. driven garden equipment;
- Part 6. Equipment for crop protection;
- Part 7. Combine harvesters, forage and cotton harvesters;
- Part 8. Irrigation pumps and crew;
- Part 9. sowing, planting and fertilizing machinery;
- Part 10. hand (micro) tiller;
- Part 11. Power lawn mower;
- Part 12. Portable powered hedge trimmers;
- Part 13. - behind and hand-held lawn trimmers and lawn edge trimmers;
- Part 14. Powered Shredders and shredding machine;
- Part 15. power with rigid cutting means trimmer;
- Part 16. Potato harvester;
- Part 17. Beet harvesters;
- Part 18. traction winch sprinkler hose;
- 19 parts. center pivot irrigation machines, and translation;
- Part 20. pickup balers;
- Part 21. Power ted machines and rakes;
- Part 22. pre-loading device;
- Part 23. Fixed round silo unloader;
- Part 24. Liquid manure fertilization car;

This section is GB 10395 "Agricultural and forestry machinery safety" Part 18, modify the use of EN908.1999 "Agricultural and forestry machinery hose traction

Irrigation machines - Safety "(in English).

This section according to EN908.1999 redrafted with EN908.1999 is a technical difference.

--- Cited international standards or European standards our standards, but our standard is

not equivalent to international standards or European standards.

For ease of use, this section of the EN908.1999 made the following editorial changes.

- a) "The European Standard" to "this Part";
- b) Remove EN908.1999 Foreword and Introduction;
- c) modify the EN908.1999 range;
- d) instead of as a decimal by decimal comma ",". ",";
- e) Remove the EN908.1999 Annex ZA "of the standard and the European Directive EC relations."

This section of Appendix A normative appendix.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee (SAC/TC201) Agricultural machinery centralized.

This section drafted by. Chinese Academy of Agricultural Mechanization Sciences, Jiangsu University Fluid Machinery Engineering Technology Research Center.

1 Scope

GB 10395 of the provisions of this part of the design and manufacture of traction winch sprinkler hose, including safety requirements for self-propelled sprinkler and sentenced

Given method, also provides type-safe operation of the information to be provided by the manufacturer.

This section applies to towing winch sprinkler hose.

This section does not consider environmental factors.

2 Normative references

The following documents contain provisions which, through reference in this Part of GB 10395, constitute provisions of this part. For dated reference documents

Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section

Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this

section.

GB/T 8196 mechanical safety devices fixed and movable guards General requirements for

the design and manufacture

(GB/T 8196-2003, ISO 14120.20002, MOD)

GB 10395.1-2009 agriculture and forestry machinery - Safety - Part 1. General (ISO 4254-1.2008, MOD)

GB/T 15706.1-2007 Safety of machinery - Basic concepts, general principles for design - Part 1. Basic terminology, methodology

(ISO 12100-1.2003, IDT)

GB/T 15706.2-2007 Safety of machinery - Basic concepts, general principles for design - Part 2. Technical principles (ISO 12100-2.

2003, IDT)

GB 23821-2009 Safety of machinery - Safety distances to prevent danger zones being reached on the lower limbs (ISO 13857.2008, IDT)

3 Terms and Definitions

GB/T 15706.1 and GB/T 15706.2 well established in the following terms and definitions apply to this section.

3.1

Towing winch sprinkler hose reel machine

With fixed winch trucks, towing winch winding water hose and install injection system (usually a gun) of the trolley winch sprinkler.

see picture 1.

3.2

Gun irrigation gun

Large sprinklers and irrigation machines - used by other systems.

NOTE: the lance generally flow range 10m³/h ~ 100m³/h, nozzle diameter in the range of 10mm ~ 40mm.

3.3

Wound coiling

One action hose traction winch sprinkler irrigation performed. Namely. traction winch sprinkler hose gradually all polyethylene

Ene hose is wound onto the winch, according to the rules of the gun run through the irrigation area, when the gun close to the sprinkler, the winding operation is completed,