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SN

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

SN/T 3834.3-2014

**Technical requirements for the inspection of complete set of
electric power industry equipment for import and export - Part
3: Hydropower generating equipment
(English Translation)**

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Foreword

SN/T 3834 "Importers and power industry equipment testing technical requirements" is divided into three parts.

--- Part 1. turbine power generation equipment;

--- Part 2. Gas generation equipment;

--- Part 3. hydroelectric equipment.

This section SN/T 3834 Part 3.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

This section is responsible for drafting unit. People's Republic of China Guangdong CIQ.

1 Scope

This part of the SN 3834 provides technical requirements for inspection of import and export hydroelectric power industry equipment complete sets of equipment.

This part of the hydropower equipment and its components applicable to 3.1 and Appendix A as defined in the import and export of complete sets of equipment for power industry test.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 7894-2009 hydroelectric basic technical conditions GB/T 9652.1-2007 Turbine Control System technical conditions GB/T 15468-2006 turbine basic technical requirements GB 19517-2009 National Electrical Safety Equipment Technical Specifications SN/T 3700-2013 Equipment Import and Export Inspection General technical requirements

3 Terms and Definitions

The following terms and definitions apply to this document.

Hydropower Equipment hydropower generating equipment by the various types of turbines, generators and control system of hydroelectric equipment.

4.1 General requirements

It should comply with SN/T 3700-2013 4.1.

4.2.1 Mechanical safety requirements

4.2.1.1

hydro mechanical equipment shall comply with the general safety requirements SN/T 3700-2013 4.2.2.

4.2.1.2

hydropower equipment should have sufficient mechanical strength, good housing protection and corresponding stability, as well as for transportation knot Structure, shall comply with GB 19517-2009 2.3.1.

4.2.1.3

Hydropower Equipment appearance shall take appropriate measures to avoid sharp corners of electrical equipment, ribbed and rough surface damage, should meet Co GB 19517-2009 in 2.3.2.