Chinastandards.org

ICS 27.120

NB

ENERGY INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

NB/T 25103-2019

Guideline for commissioning generator cooling system of nuclear power plant (PWR)

压水堆核电厂发电机冷却系统调试导则

(English Translation)

Issued by: National Energy Administration of the People's Republic of China

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/nb-t-25103-2019

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
4 Technical requirements
4.1 Environmental conditions
4.2 Operating conditions during on-grid operation
4.3 Wind turbine conditions during off-grid power supply
4.4 Bearing current
4.5 Isolation insulation resistance
4.6 Performance requirements
4.7 Sensors
4.8 Electromagnetic compatibility requirements
4.9 Human-machine interaction
5 Test methods
5.1 Test requirements
5.2 Test principles and methods
6.1 Samples and interfaces
6.2 Technical requirements for test items
7 Inspection rules
7.1 Basic function test
7.2 Touch current test
7.3 Loading test
7.4 Braking test
7.5 Machine-side differential mode voltage dU/dt value
7.6 Temperature rise test
7.7 Converter module current sharing test
7.8 Filter capacitor switching current test
7.9 Filter capacitor operating current test
8 Product nameplate, marking, packaging, transportation and storage
9 Assembly alignment of weldments

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/nb-t-25103-2019

1 Foreword

NB/T 25103-2019 was issued by National Energy Administration of the People's Republic of China on 30 December 2019.

The NB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

NB/T 25103-2019 falls under ICS 27.120, in the field of energy and heat transfer engineering.

This catalogue holds 1,264 other NB/T standards in that field.

In this catalogue, NB/T standards carry edition years from 2009 to 2025.

3 About this standard

Sector: Energy Industry

Issued by: National Energy Administration of the People's Republic of China

English translation: about 15 pages (approximate)

4 Classification and status

International classification (ICS): 27.120

Prefix NB/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/nb-t-25103-2019