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NB

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

NB/T 20358.2-2018

Replacing NB/T 20358.2-2015

**Cost estimation of nuclear power plant construction project -
Part 2: Decoration engineering for nuclear island**

核电厂建设工程预算定额 第2部分：核岛装饰工程

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Foreword

This document was issued on 22 March 2018 by the National Energy Administration of the PRC and takes effect on 1 September 2018.

It is a NB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer applies when assessing a submission.

It is classified under ICS 01.040.27, Chinese classification F02.

It replaces NB/T 20358.2-2015, which is superseded.

NB/T 20358 Budget cost norms for nuclear power plant construction projects, together with NB/T 20355 Cost norms for nuclear island civil construction and installation works of nuclear power plant construction projects, NB/T 20356 Cost norms for conventional island civil construction and installation works of nuclear power plant construction projects and NB/T 20357 Machinery shift cost norms for nuclear power plant construction projects, jointly constitute the series of nuclear power cost norm standards that support the budgeting and pricing of nuclear power construction projects.

NB/T 20358 Budget cost norms for nuclear power plant construction projects at present comprises 16 parts, made up as listed below.

Part 1: Nuclear island building engineering.

Part 2: Nuclear island decoration engineering.

Part 3: Nuclear island steel structure engineering.

Part 4: Nuclear island process equipment installation engineering.

Part 5: Nuclear island process piping installation engineering.

Part 6: Nuclear island ventilation and air conditioning installation engineering.

Part 7: Nuclear island electrical equipment installation engineering.

Part 8: Nuclear island automation control instrumentation installation engineering.

Part 9: Nuclear island communication equipment installation engineering.

Part 10: Nuclear island anti-corrosion and thermal insulation engineering.

Part 11: Conventional island building engineering.

Part 12: Conventional island thermal power equipment installation engineering.

Part 13: Conventional island electrical equipment installation engineering.

Part 14: Commissioning engineering.

Part 15: Fabrication of modules and steel containment vessels.

Part 16: Assembly and erection of modules and steel containment vessels.

This part is Part 2 of NB/T 20358.2-2018 Budget cost norms for nuclear power plant construction projects: Nuclear island decoration engineering (hereinafter referred to as this norm). It was released by Announcement No. 2 of 2018 of the National Energy Administration; the date of approval is 22 March 2018 and the date of implementation is 1 September 2018.

This part was proposed by the Nuclear Power Standardization Technical Committee of the energy industry.

This part is under the jurisdiction of the Nuclear Industry Standardization Research Institute.

The main drafting organizations of this part are: China Nuclear Power Engineering Co., Ltd.; China Nuclear Power Engineering Co., Ltd. (CGN); Electric Power Planning and Engineering Institute; China Nuclear Industry 23 Construction Co., Ltd.; China Nuclear Industry Huaxing Construction Co., Ltd.; China Nuclear Industry No. 22 Construction Co., Ltd.

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Volume Explanation

1. Scope. This norm specifies the nuclear island decoration engineering norms contained in the budget cost norms for nuclear power plant construction projects.

This norm applies to the nuclear island engineering of newly built and extended pressurized water reactor nuclear power units, and to those sub-projects of BOP engineering that carry nuclear safety requirements, such as the nuclear island waste liquid storage tank building, the conventional island waste liquid storage tank building, the auxiliary building for treatment of radioactive solid waste, the temporary store for solid waste, the radioactive machinery repair shop and the decontamination workshop. Other nuclear power reactor types and nuclear engineering works may use it for reference.

2. Explanation, item 1. This norm is executed as a matching set together with Cost norms for nuclear island civil construction and installation works of nuclear power plant construction projects and Machinery shift cost norms for nuclear power plant construction projects.

Item 2. This norm is the basis for compiling construction drawing budgets, for the appropriation of project funds and for completion settlement, for tendering and bidding for works, and for pricing bills of quantities; it is likewise the basis on which estimate norms are compiled.