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

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**Technical guidelines for environmental protection in water
conservancy and hydropower for check and accept of
completed construction project**

建设项目竣工环境保护验收技术规范 水利水电
(English Translation)

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Foreword

To implement the "People's Republic of China Environmental Impact Assessment Law" and "Construction Project Environmental Protection Management Regulations", to protect the environment, regulate water Resources and Hydropower Construction Project Environmental Protection acceptance of work to develop this standard.

This standard specifies the construction of water conservancy and hydropower project completion and acceptance of environmental protection-related work procedures and technical requirements.

The Standard Annexes A and B are normative appendix.

This standard is the first release.

This standard is developed by the Ministry of Environmental Protection Science, Technology organization.

This standard was drafted. China Institute of Water Resources and Hydropower.

This standard MEP March 25, 2009 for approval.

This standard from July 1, 2009 implementation.

The standard explanation by the Ministry of Environmental Protection.

Construction Project Environmental Protection Acceptance of Water Resources and Hydropower

1 Scope

This standard specifies the construction of water conservancy and hydropower project completion and acceptance of environmental protection technology work procedures and technical requirements.

This standard applies flood control, hydropower, irrigation, water supply and medium-sized water conservancy and hydropower project completion and acceptance of environmental protection work. Small water conservancy water Acceptance of completed work electrical engineering and avionics hub and other projects may be performed with reference to this standard.

2 Normative references

This standard refers to the contents of the following documents or the terms. For undated references, the effective version applies to this standard.

HJ/T 2.1 Environmental Impact Assessment Technology Guidelines Master HJ/T 2.3 Environmental Impact Assessment Technology Guidelines surface water HJ/T 19 Environmental Impact Assessment Technology Guidelines non-polluting ecological impact HJ/T 88 Environmental Impact Assessment Technology Guidelines Water Resources and Hydropower Engineering HJ/T 91 surface water and wastewater monitoring technical specifications HJ/T 394-2007 Construction Project Environmental Protection acceptance for ecological impact category

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Water Resources and Hydropower Project

Exploitation Project rivers, lakes, groundwater resources and water resources.

3.2 Flood Control Project

Prevention of flood hazards project. It refers to the flood control reservoir project; embankment, urban flood wall construction; flood discharge channel projects; sluices, dams and Pumping stations and other building projects; river training works; storage, detention area construction projects.

3.3 Irrigation Project

For irrigation water conservancy project. It refers to the irrigation water conservancy project, irrigation, drainage channel project (including tunnel, pipeline and other crossing project), Irrigation gates, dams and pumping stations and other building projects, irrigated area

construction projects.

3.4 Water Supply Project

Means water supply project Water Control Project; channel project (including tunnel, pipeline and other crossing project); sluices, dams and pumping stations and other buildings Engineering; water supply and pipeline projects. Including water supply project in the basin and inter-basin water transfer project.

3.5 Hydropower Project

The development of water resources, the water is converted to electrical energy engineering. It means all types of hydropower and auxiliary works.

3.6 Environmental impact assessment documents

It refers to the construction project environmental impact report, environmental impact statement and environmental impact of the approved version of the registration form.

3.7 Environmental impact assessment approval documents

It refers to the environmental protection department and industry department for approval, review and comments on the environmental impact assessment examining the file levels.

3.8 Environmental sensitive targets

It refers to all types of natural, cultural protected levels established by law for certain types of pollution factor or ecological impact of construction projects particularly sensitive factor Region, as well as construction project acceptance surveys need to focus on the impact of environmental protection within the target area.

3.9 "with a new band and old" principle Phased construction projects and renovation and expansion projects must take environmental protection measures, which must support environmental protection facilities with the main project Designed, constructed and put into operation. Meanwhile governance and address pollution and environmental problems associated with the project early works.

4.1 Acceptance procedures

Water Resources and Hydropower Construction Project Environmental Protection acceptance of technical work is divided into three phases. preparation, acceptance surveys, on-site inspection. Work process Sequence shown in Figure 1.

survey

ready

Investigation unit accepts commissioned Environmental Protection Acceptance Check Data collection study. environmental impact assessment and approval documents Documents, information and design approval documents, completion of the project funding Materials, other biography Acceptance of the program of work to develop the survey Preparation of Environmental Protection Acceptance Check embodiment Completion and acceptance report prepared by the Environmental Protection prepared by Implement Program on site survey prepared by survey report Ecological engineering, water Wen, water environment, Atmospheric and acoustic environment Etc. Impact Survey Environmental Quality and pollution monitor Public opinion survey the implementation of environmental protection measures and environmental conditions provided Facilities operation and Check the effect Preliminary field survey. project overview, operational profiles, Environmental protection facilities, environmental protection measures, environmental profiles, environmental the main objectives of protection and environmental issues Acceptance investigation to determine the scope of the environment Conservation objectives, the implementation of standards Acceptance investigation to determine the content of the survey weight Points and survey methods used Expected results, and the division of work into Degree arrangement, survey expenses, etc.

Environmental management examination, including Including the "new band and old" Implementation and monitoring plan Environmental risk prevention Engineering and construction the running of the project Investigation Results Environmental protection measures Implementation and environmental protection provided Facilities operation and Effect findings According to the environmental impact assessment documents and approval documents, design documents, Control standards, the survey results collation, analysis Investigation and analysis of the environmental impact (Including ecological impact, hydrology Situation affected, pollution and social impact) Public opinion Survey Results and analysis Occurring environment Problems and remedies Suggested s ŪL P` A x 1L Provide technical support for the environmental protection acceptance inspection site

1 Water Resources and Hydropower Construction Project Environmental Protection acceptance of technical work program

a) preparation phase.

- Collection and analysis projects on the basis of information and data to understand and study the construction project environmental impact assessment document, the preliminary design and environmental protection chapter, Environmental impact assessment documents and technical assessments of the environmental impact assessment approval documents;

- Preliminary investigation before construction projects and supporting environmental protection facilities in operation, designed to change the situation, as well as major environmental sensitive targets Environmental issues;