



Japan Association of Dam & Weir Equipment Engineering

Introduction

The Association was first established on April 1, 1986, with a license from the Ministry of Construction (currently the Ministry of Land, Infrastructure, Transport and Tourism). Later, it transitioned to the Japan Association of Dam & Weir Equipment Engineering on April 1, 2012.

Membership consists of gate manufacturers, electrical and communications equipment manufacturers, civil engineering and construction industries, construction consultants and other fields that are deeply involved in dams and weirs, and related facilities. We conduct research and studies on and promote the popularization of gate equipment and management equipment installed at dams and weirs.

Furthermore, we revise various standards and manuals that have been published so far in response to the revisions of the standards from the relevant ministries and agencies as well as to address the evolving needs of the times.

Due to the effects of global warming, heavy rains have become more severe and flood disasters have become more frequent in recent years in Japan, and the importance of water gate equipment has been re-realised.

The Association intends to continue contributing to society by disseminating information widely by bringing together the knowledge and experience we have cultivated over many years and a wide range of technical capabilities.

Purpose

The Association aims to develop and promote technologies for the construction, maintenance, and management of water intake, control, and discharge equipment installed in dams, and weirs, and the like, and related equipment (hereinafter referred to as "facilities, etc.") installed in dams, weirs, and the like, and thereby contribute to the development of Japan's economy and society.

Business

In order to achieve the objectives described above, the Association is engaged in the following businesses as stipulated in our articles of incorporation.

- (1) Investigation, research and testing related to designs, production, construction, maintenance and management of facilities, facilities, etc;
- (2) Preparation and popularization of various technical standards for maintaining the functions of facilities, facilities, etc;
- (3) Surveys, collection and compilation of materials related to facilities, facilities, etc;
- (4) Conducting seminars, workshops, lectures and round tables related to facilities, facilities, etc;
- (5) Magazine publications and the like related to facilities, facilities, etc;
- (6) Consignments related to technological development, research and testing of facilities, facilities, etc;
- (7) Cooperation and submission of opinions on matters related to facilities, facilities, etc to government agencies, local governments, and academic organizations, and other similar institutions;
- (8) Other projects necessary for achieving the purpose of the Association.

Organizational Chart



Overview of our Business

In order to develop and popularize technologies for designs, construction, and maintenance of water intake, control, and discharge equipment installed in dams, weirs, and the like, and related equipment, the Association is engaged in the following public utilities, and others based on the articles of incorporation.

Public Utilities

Investigations and Research Projects

- Research and testing to improve the quality and reliability of gate equipment
- Investigation of gate equipment failure cases and update cases
- Functional diagnosis of rubber weirs and research on service life and earthquake resistance



Preparation and popularization of various technical standards

- Prepare manuals and procedures for the operation of various technical standards established by relevant ministries and agencies.
- Respond to inquiries about technical matters related to facilities, facilities, etc as well as books published by the Association.



Conduct training sessions

- In principle, we hold construction site training sessions for domestic dams once a year.
- Publish workshop reports in organizational bulletins.

Conduct workshops and lectures

- When published materials are revised, we conduct workshops, and the like to make the contents known.
- Conduct dam technology lectures and discussions.
- Dispatch lecturers to various institutions.

Public Relations Business

- In principle, we issue the bulletin "Water Intake and Water Control" once a year.
- We issue certificates for the Continuing Professional Development (CPDS) programs such as participation in workshops and manuscript writing for organizational bulletins, which are the Association projects.

Other Business

Publishing business (Japan domestic sales only)

- We currently issue various technical books related to sluice gate facilities.

Consignment Business

- We accept investigations, research, and testing, and others related to sluice gate facilities, facilities, etc.



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