

“JSCE Standard Specifications for Concrete Structures ~English Summary Version~” published in August 2023 as electric edition.

JSCE Concrete Committee will publish “JSCE Standard Specifications for Concrete Structures ~English Summary Version~”. JSCE Standard Specifications for Concrete Structures (hereinafter JSCE Standard) is technical standards for concrete structures, and it is periodically revised once every five years to bring it up to date with current practices and the most recent technological advancements. JSCE concrete committee, which consists of engineers and researcher from university, private company, public workers, and so forth was engaged in its establishment and revision so far from generation to generation. Therefore, it is the technological documents that many members from various organizations cooperated and created to provide the public interest and technological development. JSCE standards is not only for the adoption of design, construction, and maintenance for concrete structures but milestone for research and technological development, and thus these greatly affect the education and human resources development. In addition, compared with overseas standards, JSCE standards widely covers not only design structures but construction and maintenance.

JSCE Standards are assumed to be referred domestically in Japan, and thus the original text is written in Japanese. With increasing the opportunities of reference in overseas construction projects and demands of disseminating information internationally, JSCE Concrete Committee is decided to publish the summary of JSCE Standards in English. This was produced for the first time in about 15 years since complete translation version of JSCE standards 2007 version published. Current version is huge amount based on repeated revision to meet the demand for domestic technological standards. However, it can be considered that all contents are not necessarily included as information to disseminate overseas and all-in-one version would be better to survey the whole outline of JSCE standard which is divided into “General Principals”, “Design”, “Materials and Construction”, and “Maintenance” volume. Therefore, the part to translate is sorted out to integrate the whole compact this time. To be more specific, the translation target is “General Principals” 2012 ver., “Design” and “Materials and Constructions” 2017 ver., and “Maintenance” 2018 ver., and “General Requirements”, which indicates the principles, was translated the whole as possible and “Standards”, which indicates the standard methods, was partially translated as required.

JSCE Concrete Committee hopes that “JSCE Standard Specifications for Concrete Structures ~English Summary Version~” edited as above will be used to refer all over the world. In addition, in order to widely disseminate JSCE standards overseas and grasp further needs, online lecture of this version will be scheduled this autumn. Tentative contents are special lecture from both domestic and overseas researchers, commentary of outline of each part, followed by questionnaire from attendees to survey the technical information to convey overseas. In the future, with continuous dissemination internationally, technological information to be sophisticated will be identified.