

Research regarding efficiency standardization for facility design of dam, weir and water gate

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In this research, objecting machinery facilities of dam, weir and water gate, we examine the technology specifications for realization of efficiency order , as well as examine the producing principle of performance based type technology standard. Regarding examination of technology specifications, we performed case study using a sample of switchgear updating construction. As a result, we proposed particular specifications. Moreover, according to the producing principle of performance based type technology standard, we proposed regarding the whole structure of technology standard, considering ensuring consistency of the international standard. Moreover, we proposed regarding the regulation items of performance based type technology standard. In addition, we examined necessary items for producing performance based type technology standard, including requirement of facility durability.

Keyword : dam • weir • water gate, machinery facility, performance based, efficiency order, dam • weir facility , technologystandard