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Standardization of Testing and Evaluation Method for Full-size Structural Timber Strength in Japan

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Abstract: ISO published the international standard ISO 13910 concerning the testing and evaluation method for full-size structural timber strength in 2005, and this will influence the standard of Japan in the future. However, some irrational points are seen here, such as in the testing method for shearing strength and the rule for deriving the characteristic value. In the establishment of the Japanese official standard, it is necessary to make it suitable for our country, referring to the method proposed by Japan Housing and Wood Technology Center, based on a consideration of the specifications for the testing equipment in Japan and adjustment methods for effective use for the data accumulated domestically.

Keywords: testing method, evaluation method, full-size timber strength, characteristic value



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