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TB

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

TB 10095-2020

Code for Design on Railway Cable-stayed Bridge

铁路斜拉桥设计规范

(English Translation)

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What this standard covers

This standard applies to the design of standard gauge railways and cable-stayed bridges with a span not greater than 1 100 m. The design of cable-stayed bridges should comprehensively consider factors such as the use of the bridge, environmental conditions, hydrology, topography and geology, and select appropriate span layouts, structural systems, and construction methods. The design of cable-stayed bridges should reasonably select materials, structure types and structures to ensure the strength, rigidity, stability and durability of the cable-stayed bridge structure. The design service life of the main structure of the cable-stayed bridge should be 100 years. The design of cable-stayed bridge should still meet the requirements of cable replacement. The design of cable-stayed bridge should consider the influence of wind load on the dynamic response of the structure. Cable-stayed bridge design should be carried out according to regulations

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