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**Residual stress analysis for hydraulic steel structure by X-ray
diffraction method
(English Translation)**

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What this standard covers

This standard specifies the range, terminology, test methods and test procedures for testing residual stress by X-ray diffraction. This standard is applicable to the metal surfaces of structures and equipment (including welded joints) made of ferritic steel and austenitic steel materials such as steel gates, pressure steel pipes (including steel boring pipes), hoists, etc. for water conservancy and hydropower engineering. Residual stress x-ray diffraction test, other structures and electromechanical equipment can be used as reference.

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