

ICS 77.060
CCS H 25



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

GB/T 15970.2-2000

**Corrosion of metals and alloys. Stress corrosion testing. Part 2:
Preparation and use of bent-beam specimens
(English Translation)**

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What this standard covers

This standard applies to: Test forms products. Mainly suitable for rolling strip, plate or tubing, thus can be easily provided with a rectangular cross section sheet specimen, but also for the cast material, wire, rod, or a circular section machined specimen. Bending beam specimen can also be applied to the welded parts. Sample preparation and loading device is simple and inexpensive, therefore, bending beam is especially suitable for a large number of test samples and atmospheric stress corrosion tests. Bending beam specimens usually in the name of the constant strain test, but can also be used in the name of the constant load conditions. In both cases, cracking occurs when the sample rad local changes will result in crack propagation of conditions change. "Stress test" should take the trial began the maximum surface tensile stress.

Document data

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Standards quoted by this document

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