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

GB/T 31586.2-2015

**Corrosion protection of steel structures by protective paint systems --
Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture
strength) of a coating -- Part 2: Cress-cut testing and X-cut testing**

(English Translation)

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1 Scope

This Part of GB/T 31586 specifies procedures for rating the resistance of coating systems when a cut in the form of a right-angle lattice pattern (cross- cut) or in the form of an X (X-cut) is made into the coating, penetrating through to the substrate.

This Part is only applicable if the cross-cut or X-cut test method is specified, together with the rating from the appropriate rating scale.

NOTE The characteristics of the coating can make the assessment of the result of a cross-cut or X-cut test difficult.

This Part also specifies suitable equipment and defines inspection areas, sampling plans and acceptance/rejection criteria.

This Part does not specify ratings for particular coating systems.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2409.2006 Paints and varnishes - Cross-cut test

ISO 12944-7 Paints and varnishes - Corrosion protection of steel structures by protective

paint systems - Part 7. Execution and supervision of paint work

ISO 12944-8 Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 8. Development of specifications for new work and maintenance

ISO 19840 Paints and varnishes - Corrosion protection of steel structures

GB/T 31415-2015 | GB/T 31416-2015 | GB/T 31586.1-2015 | GB/T 31591-2015 |