
**Preparation of steel substrates before
application of paints and related
products — Tests for the assessment of
surface cleanliness —**

Part 5:

Measurement of chloride on steel surfaces
prepared for painting (ion detection tube
method)

*Préparation des subjectiles d'acier avant application de peintures et de
produits assimilés — Essais pour apprécier la propreté d'une surface —*

*Partie 5: Mesurage des chlorures sur les surfaces d'acier préparées pour la
mise en peinture (méthode du tube détecteur d'ions)*



Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8502-5 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 12, *Preparation of steel substrates before application of paints and related products*.

ISO 8502 consists of the following parts, under the general title *Preparation of steel substrates before application of paints and related products – Tests for the assessment of surface cleanliness*:

- *Part 1: Field test for soluble iron corrosion products [Technical Report]*
- *Part 2: Laboratory determination of chloride on cleaned surfaces*
- *Part 3: Assessment of dust on steel surfaces prepared for painting (pressure-sensitive tape method)*
- *Part 4: Guidance on the estimation of the probability of condensation prior to paint application*
- *Part 5: Measurement of chloride on steel surfaces prepared for painting (ion detection tube method)*
- *Part 6: Extraction of soluble contaminants for analysis – The Bresle method*
- *Part 8: Field method for refractometric determination of moisture*
- *Part 9: Field method for the conductometric determination of water-soluble salts.*
- *Part 10: Field method for the titrimetric determination of chloride*

Further parts are planned.

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Printed in Switzerland