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Metallic and other inorganic coatings — Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc- aluminium alloys — Test methods

*Revêtements métalliques et autres revêtements inorganiques —
Couches de conversion au chromate sur zinc, cadmium et alliages
d'aluminium-zinc et de zinc-aluminium — Méthodes d'essai*



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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 3613 was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*.

This third edition cancels and replaces the second edition (ISO 3613:2000), which has been technically revised.

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Introduction

This International Standard specifies methods for the qualitative determination of the presence of chromate conversion coatings as well as the total chromium content of chromate conversion coatings.

The application of very thin, colourless, practically invisible chromate conversion coatings is frequently called "passivation", while the application of thicker, coloured chromate conversion coatings is called "chromating". The term "passivation" is not correct, does not comply with the ISO 2080 designation and is therefore deprecated.