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## **Anodizing of aluminium and its alloys — Estimation of loss of absorptive power of anodic oxidation coatings after sealing — Dye-spot test with prior acid treatment**

*Anodisation de l'aluminium et de ses alliages — Appréciation de la  
perte du pouvoir absorbant des couches anodiques après colmatage —  
Essai à la goutte de colorant avec action acide préalable*



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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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 2143 was prepared by Technical Committee ISO/TC 79, *Light metals and their alloys*, Subcommittee SC 2, *Organic and anodic oxidation coatings on aluminium*.

This second edition cancels and replaces the first edition (ISO 2143:1981), which has been technically revised.

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## Introduction

The resistance of anodic oxidation coatings to the absorption of dyes can give information on the quality of sealing, the total resistance indicating that the quality of sealing is good. A slight loss of resistance to absorption, however, does not necessarily mean that the sealing of the coating is poor; it may be a consequence of certain agents having been added to the sealing bath. In cases of doubt, the quality of sealing can be established using a reference method such as that those described in ISO 3210.