



BSI Standards Publication

Metallic powders — Determination of oxygen content by reduction methods

Part 3: Hydrogen-reducible oxygen

National foreword

This British Standard is the UK implementation of EN ISO 4491-3:2025. It is identical to ISO 4491-3:2025. It supersedes BS EN ISO 4491-3:2006, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee W/-, Miscellaneous Standards.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

**Metallic powders - Determination of oxygen content by
reduction methods - Part 3: Hydrogen-reducible oxygen
(ISO 4491-3:2025)**

Poudres métalliques - Dosage de l'oxygène par les
méthodes de réduction - Partie 3: Oxygène réductible
par l'hydrogène (ISO 4491-3:2025)

Metallpulver - Bestimmung des Sauerstoffgehaltes
durch Reduktionsverfahren - Teil 3:
Wasserstoffreduzierbarer Sauerstoff (ISO 4491-
3:2025)

This European Standard was approved by CEN on 19 September 2025.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 4491-3:2025) has been prepared by Technical Committee ISO/TC 119 "Powder metallurgy" in collaboration with CCMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2026, and conflicting national standards shall be withdrawn at the latest by March 2026.

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

This document supersedes EN ISO 4491-3:2006.

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Endorsement notice

The text of ISO 4491-3:2025 has been approved by CEN as EN ISO 4491-3:2025 without any modification.

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Foreword

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This document was prepared by Technical Committee ISO/TC 119, *Powder metallurgy*, Subcommittee SC 2, *Sampling and testing methods for powders (including powders for hardmetals)*, in collaboration with the European Committee for Standardization (CEN), in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 4491-3:1997), of which it constitutes a minor revision.

The main changes are as follows:

- normative references in [Clause 2](#) have been updated;
- editorial revisions and alignment with current ISO drafting directives.

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