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Draft Indian Standard

Methods of tests for electro - Slag remelting furnaces

Industrial Process Measurement and Control
Sectional Committee, ETD 18

Last date of receipt of comments:
16 December 2023

NATIONAL FOREWORD

This draft Indian Standard which is identical with IEC 60779:2020 “Installations for Electroheating and Electromagnetic Processing – Test Methods for Electroslag Remelting Furnaces” issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Industrial Process Measurement and Control Sectional Committee and approval of the Electrotechnical Division Council.

This standard was originally published in 1986. This revision has been undertaken to harmonize it with the latest developments that have taken place at international level.

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard.

<i>International Standard</i>	<i>Title</i>
IEC 60519-8	Safety in installations for electroheating and electromagnetic processing – Part 8: Particular requirements for electroslag remelting furnaces

IEC 60676:2011	Industrial electroheating equipment – Test methods for direct arc furnaces
IEC 60398:2015	installations for electroheating and electromagnetic processing – General performance test methods

Only the English language text has been retained while adopting it in this Indian Standard, and as such, the page numbers given here are not the same as in the IEC Publication.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated expressing the result of a test or analysis shall be rounded off in accordance with IS 2: 2022 'Rules for rounding of numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of the document is not available on website. For details, please refer the corresponding IEC 60779:2020 or kindly contact:

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