

**BUREAU OF INDIAN STANDARDS**

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**मसौदा भारतीय मानक**

**सूचना प्रसंस्करण —**

**डाटा इटरचेंज के लिए 3,81 मिमी चुंबकीय कैसेट पर 7-बिट कूटित  
अक्षर सेट एवं उसके 7-बिट एवं 8- बिट विस्तार का कार्यान्वयन  
(पहला पुनरीक्षण)**

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***Draft Indian Standard***

***Information Processing —***

***Implementation of the 7- Bit Coded Character Set  
and its 7- Bit and 8- Bit Extensions on 3,81 mm  
Magnetic Cassette for Data Interchange  
(First Revision)***

***ICS 35.040.10; 35.220.23***

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## **NATIONAL FOREWORD**

This Draft Indian Standard (First Revision) which is identical with ISO 3275:1974 ‘Information processing — Implementation of the 7- bit coded character set and its 7- bit and 8- bit extensions on 3,81 mm magnetic cassette for data interchange’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Indian Language Technologies and Products Sectional Committee and approval of the Electronics and Information Technology Division Council.

This standard was first published in 1990 and was identical with ISO 3275:1974. The first revision aligns this Indian Standard with ISO 3275:1974. Further, it aligns the formatting and appearance of the standard as per the current practice. The following changes have been done in the standard under this revision:

- a) Addition of Front Cover Page
- b) Addition of Hindi Title
- c) UDC Number changed to ICS Code.

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

- a) Wherever the words ‘International Standard’ appears 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.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

<b>International standards</b>	<b>Corresponding Indian standards</b>	<b>Degree of Equivalence</b>
ISO 646, 7-bit coded character set for information processing interchange.	IS 10315 : 1997 7 Bit coded character set for information interchange (First Revision)	Identical with ISO/IEC 646:1991
ISO 2022, Code extension techniques for use with the 7-bit coded character set	IS 12326 : 2005 Information technology - Character code structure and extension techniques (First Revision)	Identical with ISO/IEC 2022: 1994

ISO 3407, Information processing — 3,81 mm (0.150 in) magnetic tape cassette for information interchange, 32bpmm (800 bpi), phase encoded.	IS 12876 : 1989 Specification for information interchange on 3.81 mm magnetic tape cassette at 4 cpmm, phase encoded at 63 ftpmm	Identical with ISO 3407:1983
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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 off numerical values (*Second Revision*)'. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.

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Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO Standard. For details please refer to ISO 3275: 1974 or kindly contact.

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