

**BUREAU OF INDIAN STANDARDS**  
**DRAFT FOR COMMENTS ONLY**

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***Draft Indian Standard***

Addressing — Part 3: Address data quality

मसौदा भारतीय मानक

संबोधन - भाग 3: पता डेटा गुणवत्ता

**ICS: 35.240.70**

## **NATIONAL FOREWORD**

(Formal clauses will be added later)

This draft Indian Standard which is identical with ISO 19160-3:2020 ‘Addressing — Part 3: Address data quality’ issued by ISO *may be* adopted by the Bureau of Indian Standards on the recommendation of the Geospatial Information Sectional Committee LITD 22 and the approval of the Electronics and IT Division Council.

This standard consists of various parts. The other parts are:

Part 2 Under preparation.

Part 4 International postal address components and template language.

The text of ISO Standard *may be* 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’ 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.

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 places, are listed below along with their degree of equivalence for editions indicated:

<b>International Standards</b>	<b>Corresponding Indian Standard</b>	<b>Degree of Equivalence</b>
ISO 19115-1 : 2014  Geographic information-Metadata – Part 1: Fundamentals	IS 16439  Metadata standard for geospatial information	Technically Equivalent
ISO 19160-1:2015  Addressing — Part 1: Conceptual model XXX	IS/ISO 19160-1:2015  This standards is under development as (Doc No. 23733)	Identical
ISO 19157:2013  Geographic information — Data quality	ISO 19157:2013  This standards is under development as (Doc No. 22740)	Identical

The technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard. The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. 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>Title</b>
ISO 19115-2	Geographic information — Metadata — Part 2: Extensions for acquisition and processing

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.

**Scope of ISO 19160-3:2020 is as follows:**

This document

- Is a profile of ISO 19157;
- Establishes a set of data quality elements and measures for describing the quality of address data;
- Describes procedures for reporting data quality;
- Provides guidelines for the use of the established set of data quality elements and measures for describing the quality of address data.

This document can be used by those evaluating and reporting the quality of address data such as address data managers, address data aggregators, and address data users.

This document does not attempt to define minimum acceptable levels of quality for address data.

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