

BUREAU OF INDIAN STANDARDS
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IS/ISO 8000-115 : 2024
July 2025

भारतीय मानक मसौदा

आंकड़ों की गुणवत्ता

भाग 115 प्रधान आंकड़े — गुणवत्ता पहचानकर्ताओं का आदान-प्रदान —

वाक्य-विन्यास-संबंधी, अर्थ-संबंधी और स्पष्टता सूचना आवश्यकताएं

(पहला पुनरीक्षण)

Draft Indian Standard

Data Quality

Part 115 Master Data — Exchange of Quality Identifiers —

Syntactic, Semantic and Resolution Requirements

(First Revision)

ICS 25.040.40

Industrial Automation Systems and Robotics Sectional Committee, PGD 18	Last date for Comment: 10 August 2025
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NATIONAL FOREWORD

This Indian Standard (Part 115) (First Revision) which is identical with ISO 8000-115 : 2024 ‘Data Quality — Part 115: Master Data — Exchange of Quality Identifiers — Syntactic, Semantic and Resolution Requirements’ issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on recommendation of the Industrial Automation Systems and Robotics Sectional Committee and approval of the Production and General Engineering Division Council.

This standard was originally published in 2024 which was identical with ISO 8000-115 : 2018 ‘Data Quality — Part 115: Master Data — Exchange of Quality Identifiers — Syntactic, Semantic and Resolution Requirements’. This first revision has been brought out to align it with ISO 8000-115 : 2024.

The major changes in this revision is as follows:

- a) NOTE in 5.2 b) on natural identifiers has been added; and
- b) References have been updated

Other parts in this series are:

Part 1	Overview
Part 2	Vocabulary
Part 8	Information and data quality: Concepts and measuring
Part 60	Data quality management: Overview
Part 61	Data quality management: Process reference model
Part 62	Data quality management: Organizational process maturity assessment: Application of standards relating to process assessment
Part 63	Data quality management: Process measurement
Part 64	Data quality management: Organizational process maturity assessment: Application of the Test Process Improvement method
Part 65	Data quality management: Process measurement questionnaire
Part 66	Data quality management: Assessment indicators for data processing in manufacturing operations
Part 81	Data quality assessment: Profiling
Part 82	Data quality assessment: Creating data rules
Part 100	Master data: Exchange of characteristic data: Overview
Part 110	Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification
Part 116	Master data: Exchange of quality identifiers: Application of ISO 8000- 115 to authoritative legal entity identifiers
Part 120	Master data: Exchange of characteristic data: Provenance
Part 130	Master data: Exchange of characteristic data: Accuracy
Part 140	Master data: Exchange of characteristic data: Completeness
Part 150	Data quality management: Roles and responsibilities
Part 311	Guidance for the application of product data quality for shape (PDQ-S)

A list of all parts in the IS/ISO 8000 series can be found on the BIS and ISO website.

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

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 8000-2 Data quality — Part 2: Vocabulary	IS/ISO 8000-2 : 2022 Data quality — Part 2: Vocabulary	Identical
ISO 8000-110 Data quality — Part 110: Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification	IS/ISO 8000-110 : 2021 Data quality — Part 110 : Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification	Identical

The technical committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO/IEC 10646	Information technology — Universal Coded Character Set (UCS)