

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
पर्यावरण प्रबंधन — जीवन चक्र आकलन — आंकड़ों की प्रलेखन
प्रारूप

Draft Indian Standard

**ENVIRONMENTAL MANAGEMENT — LIFE CYCLE
ASSESSMENT — DATA DOCUMENTATION FORMAT**

ICS 13.020.10, 13.020.60

Environmental Management Sectional Committee, CHD 34

Last date for Comments: 28th June, 2024

NATIONAL FOREWORD

(Formal clause will be added later)

This standard provides the requirements and a structure for a data documentation format, to be used for transparent and unambiguous documentation and exchange of Life Cycle Assessment (LCA) and Life Cycle Inventory (LCI) data, thus permitting consistent documentation of data, reporting of data collection, data calculation and data quality, by specifying and structuring relevant information.

This standard is applicable to the specification and structuring of questionnaire forms and information systems. However, it can also be applied to other aspects of the management of environmental data. It does not include requirements for completeness of data documentation. The data documentation format is independent of any software or database platform for implementation.

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:

- Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
- 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:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 8601 : 2000 Data elements and interchange formats — Information interchange — Representation of dates and times	This standard is published in two parts. IS/ISO 8601-1 : 2019 Date and Time Representations For Information Interchange Part 1: Basic Rules IS/ISO 8601-2 : 2019 Date and Time Representations For Information Interchange Part 2: Extensions	Identical under single numbering
ISO 9000 : 2000 Quality management systems — Fundamentals and vocabulary	IS/ISO 9000: 2015 Quality management systems — Fundamental and vocabulary (Fourth Revision)	Identical under single numbering
ISO 14040 : 1997 Environmental management — Life cycle assessment — Principles and framework	IS/ISO 14040: 2006 Environmental management — Life cycle assessment — Principles and framework (First Revision)	Identical under single numbering

The technical committee responsible for the preparation of this standard has reviewed the provisions of the below mentioned ISO/IEC standards and has decided they are acceptable for use in conjunction with this standard.

<i>International Standard</i>	<i>Title</i>
ISO 14041 : 1998	Environmental management — Life cycle assessment — Goal and scope definition and inventory analysis
ISO 14042 : 2000	Environmental management — Life cycle assessment — Life cycle impact assessment
ISO 14043 : 2000	Environmental management — Life cycle assessment — Life cycle interpretation