

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

**Environmental management — Water footprint — Illustrative examples on
how to apply ISO 14046**

भारतीय मानक मसौदा

**पर्यावरण प्रबंधन – जल पदचिह्न – आईएसओ 14046 को कैसे लागू किया जाए,
इस पर उदाहरणात्मक उदाहरण**

ICS 13.020.10; 13.020.60

Environmental Management Sectional Committee, CHD 34

Last date for Comments: 25-11-2023

NATIONAL FOREWORD

(Formal clauses shall be added later)

Principles, requirements and guidelines for the quantification and reporting of a water footprint are given in ISO 14046. The water footprint assessment according to ISO 14046 can be conducted as a stand-alone assessment, where only impacts related to water are assessed, or as part of a life cycle assessment. In addition, a variety of modelling choices and approaches are possible depending on the goal and scope of the assessment. The water footprint can be reported as a single value or as a profile of impact category indicator results.

This document provides illustrative examples on the application of ISO 14046 to further enhance understanding of ISO 14046 and to facilitate its widespread application.

This document provides illustrative examples of how to apply ISO 14046, in order to assess the water footprint of products, processes and organizations based on life cycle assessment.

The examples are presented to demonstrate particular aspects of the application of ISO 14046 and therefore do not present all of the details of an entire water footprint study report as required by ISO 14046

For the purposes of this document, the following terms and definitions apply.

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 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 14046:2014, Environmental management — Water footprint — Principles, requirements and guidelines.	CHD/34/19780 Environmental management Water footprint Principles requirements and guidelines	Identical To: ISO 14046: 2014

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observe or calculated, is to be rounded off, it shall be done in accordance with IS 2: 2022 ‘Rules For Rounding Off Numerical Values (*second revision*)’.