

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

कार्बन डाइऑक्साइड कैप्चर - भाग 2: एक विद्युत संयंत्र के साथ
एकीकृत पोस्ट-दहन CO₂ कैप्चर प्लांट के स्थिर प्रदर्शन को
सुनिश्चित करने और बनाए रखने के लिए मूल्यांकन प्रक्रिया

Draft Indian Standard

CARBON DIOXIDE CAPTURE – PART 2: EVALUATION
PROCEDURE TO ASSURE AND MAINTAIN STABLE
PERFORMANCE OF POST-COMBUSTION CO₂ CAPTURE PLANT
INTEGRATED WITH A POWER PLANT

ICS 13.020.40

Environmental Management Sectional Committee, CHD 34

Last date for Comments: 20 June 2024

NATIONAL FOREWORD

(Formal clause shall be added later)

This Standard is the second in a series of standards for post-combustion CO₂ capture (PCC) from a power plant using a liquid-based chemical absorption process. This standard provides an evaluation procedure to assure and maintain reliable performance of a PCC plant integrated with a power plant.

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.

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

<i>International Standard</i>	<i>Title</i>
ISO 27919 (Part 1) : 2018	Carbon dioxide capture – Part 1: Performance evaluation methods for post – combustion CO ₂ capture integrated with a power plant.