**Doc: PCD 07 (25096) F**

***भारतीय मानक***

***Indian Standard***

 **IS 17655 (Part 3) : 2024**

**ISO 18134-3 : 2023**

**ठोस जैवईंधन –– नमी की मात्रा का निर्धारण**

**भाग 3 सामान्य विश्र्लेषण नमूने में नमी**

*(पहला पुनरीक्षण)*

**Solid Biofuels — Determination of Moisture Content**

**Part 3 Moisture in General Analysis Sample**

*(First Revision)*

ICS 27.190; 75.160.40

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भारतीय मानक ब्यूरो

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**December 2024 Price Group X**

Solid Mineral Fuels and Solid Biofuels Sectional Committee, PCD 07

NATIONAL FOREWORD

This Indian Standard (Part 3) (First Revision) which is identical with ISO 18134-3 : 2023 ‘Solid biofuels — Determination of moisture content — Part 3: Moisture in general analysis sample’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on recommendation of the Solid Mineral Fuels and Solid Biofuels Sectional Committee and approval of the Petroleum, Coal and Related Products Division Council.

This standard was originally published in 2021, as adoption of ISO 18134-3 : 2015 ‘Solid biofuels — Determination of moisture content — Oven dry method — Part 3: Moisture in general analysis sample’. This (*first*) revision has been brought out to align it with the latest version of ISO 18134-3 : 2023 ‘Solid biofuels — Determination of moisture content — Part 3: Moisture in general analysis sample’.

The major changes in this revision are as follows:

— title has been revised;

* [Clause 6](https://www.iso.org/obp/ui/en/#iso:std:iso:18134:-3:ed-2:v1:en:sec:6): statement added warning against loss or gain of moisture during sample preparation;

— references updated; and

— minor editorial corrections.

This standard is published in three parts. Other parts in this series are:

Part 1 Reference method

Part 2 Simplified method

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.

The Technical Committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

|  |  |
| --- | --- |
| *International Standard* | *Title* |
| [ISO 14780](https://www.iso.org/obp/ui/en/#iso:std:iso:14780:en)  | Solid biofuels — Sample preparation |
| [ISO 16559](https://www.iso.org/obp/ui/en/#iso:std:iso:16559:en)  | Solid biofuels — Vocabulary |
| [ISO 18135](https://www.iso.org/obp/ui/en/#iso:std:iso:18135:en)  | Solid biofuels — Sampling |
| [ISO 11722](https://www.iso.org/obp/ui/en/#iso:std:iso:11722:en) | Solid mineral fuels — Hard coal — Determination of moisture in the general analysis test sample by drying in nitrogen |
| [ISO 21945](https://www.iso.org/obp/ui/en/#iso:std:iso:21945:en) | Solid biofuels — Simplified sampling method for small scale applications |

For tropical countries like India, the standard temperature and the relative humidity shall be taken as (27 ± 2) °C and (65 ± 5) percent, respectively.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed 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*)’.