



# FINAL DRAFT Publicly Available Specification

## ISO/DPAS 16617

### Clean cookstoves and clean cooking solutions — Guidance for evaluation

ISO/TC 285

Secretariat: **KEBS**

Voting begins on:  
**2024-05-09**

Voting terminates on:  
**2024-07-04**

iTeh Standards  
(<https://standards.iteh.ai>)  
Document Preview

[ISO/DPAS 16617](https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617)

<https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617>

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

iTeh Standards  
(<https://standards.iteh.ai>)  
Document Preview

[ISO/DPAS 16617](https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617)

<https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Multiple aspects of cooking systems</b> .....	<b>3</b>
<b>5 System identification</b> .....	<b>4</b>
5.1 System identification overview.....	4
5.2 System of action.....	5
5.3 System of desired impact.....	5
5.4 Implications of system choice.....	5
<b>6 Determining fitness for purpose</b> .....	<b>6</b>
6.1 Validity and relevance.....	6
6.2 Situational appropriateness or contextuality.....	6
6.3 Transparency and traceability.....	6
<b>7 Quantifying variability</b> .....	<b>7</b>
7.1 General.....	7
7.2 Reporting experimental error and uncertainty.....	7
7.3 Variability due to critical inputs.....	8
7.4 Combining sources of variability.....	8
<b>8 Reporting single-outcome evaluation</b> .....	<b>8</b>
<b>9 Reporting multi-outcome evaluation</b> .....	<b>9</b>
<b>Bibliography</b> .....	<b>11</b>

[ISO/DPAS 16617](https://standards.iteh.ai/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617)

<https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617>

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 285, *Clean cookstoves and clean cooking solutions*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

ISO/DPAS 16617

<https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617>

## Introduction

The significance of standardization in the cookstove sector is well established. In addition to the documents published by ISO, there are many other “evaluation instruments” in existence throughout the world, covering different aspects of clean cookstoves and clean cooking solutions. These various evaluation instruments (standards, protocols, test methods, etc.) serve a multitude of purposes by examining a range of different metrics.

Determining the pros and cons of each evaluation instrument can be challenging. To address this gap, this document provides guidelines to assist in assessing and identifying which evaluation instrument is most appropriate to address the specific needs of a particular situation. This guidance is intended to better inform stakeholders in order to ensure that the end product is fit for purpose in a holistic sense.

# iTeh Standards (<https://standards.iteh.ai>) Document Preview

[ISO/DPAS 16617](https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617)

<https://standards.iteh.ai/catalog/standards/iso/b0a30b23-d230-4617-87c7-3d4a7e48bc6e/iso-dpas-16617>

