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# Clean cookstoves and clean cooking solutions — Harmonized laboratory test protocols —

## Part 3: Voluntary performance targets for cookstoves based on laboratory testing

*Fourneaux et foyers de cuisson propres — Protocoles d'essai en laboratoire harmonisés —*

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# Foreword

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

A list of all parts in the ISO 19867 series can be found on the ISO website.

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# Introduction

It is recognized that performance assessed through laboratory testing does not always accurately represent performance when the device/fuel combination is in actual use. Although field performance is often worse than laboratory-based performance, it is still valuable to assess the performance and progress of improved cookstoves through laboratory testing, because laboratory tests can provide guidance for best practices in design that can be translated into better cookstove performance in the field.

Differences between performance as measured in the laboratory and in the field arise for a number of reasons, including the test protocols and actual conditions, variations in the type and characteristics of the fuel (e.g., moisture of wood), deterioration of the cookstove over time, user behaviour, etc., which can impact multiple aspects of cookstove performance.

These benchmarks are based on laboratory test results, thus their validity for real performance estimation of cookstoves and cooking solutions in the field is limited. Guidance on how the targets may be implemented is provided in this document.

Countries and organizations can use these voluntary performance targets as examples and might prefer to develop performance targets based on their own priorities, needs, and markets. Readers are reminded that these voluntary performance targets are only provided as examples.