



SLOVENSKI STANDARD
oSIST prEN 4855-06:2024
01-junij-2024

**Aeronavtika - Ekoučinkovitost naprav za gostinstvo - 6. del: Aparat za pripravo
espresa**

Aerospace series - ECO efficiency of catering equipment - Part 06: Espresso maker

Luft- und Raumfahrt - ECO Effizienz von Cateringgeräten - Teil 06: Espressomaschinen

Série aérospatiale - Éco efficacité du matériel de restauration - Partie 06: Équipement
pour machine à espresso

Ta slovenski standard je istoveten z: prEN 4855-06

[oSIST prEN 4855-06:2024](https://standards.iteh.ai/catalog/standards/sist/a548ed7d-fb44-474a-bb1a-7be55ca36ae4/osist-pren-4855-06-2024)

<https://standards.iteh.ai/catalog/standards/sist/a548ed7d-fb44-474a-bb1a-7be55ca36ae4/osist-pren-4855-06-2024>

ICS:

49.095

Oprema za potnike in
oprema kabin

Passenger and cabin
equipment

oSIST prEN 4855-06:2024

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 4855-06

April 2024

ICS 49.095

English Version

Aerospace series - ECO efficiency of catering equipment - Part 06: Espresso maker

Série aérospatiale - Éco efficacité du matériel de
restauration - Partie 06: Équipement pour machine à
espresso

Luft- und Raumfahrt - ECO Effizienz von
Cateringgeräten - Teil 06: Espressomaschinen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

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.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 Symbols and abbreviations	6
5 General test conditions.....	6
5.1 Measurements and calculations.....	6
5.2 Environmental conditions.....	6
5.3 Power supply and voltage.....	7
5.4 Measurement equipment.....	7
5.5 Test set up.....	7
5.6 Test medium	7
5.7 General conditions for weight measurement.....	7
5.8 Test preparation	7
6 Test procedures.....	7
6.1 General.....	7
6.2 Energy consumption test	8
7 Evaluation and calculation	9
7.1 General.....	9
7.2 Calculation of energy consumption index (ECI)	9
7.3 Calculation of performance index (PI)	10
7.4 Test report.....	10
7.5 Calculation sheet.....	11

European foreword

This document (prEN 4855-06:2024) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

This document is currently submitted to the CEN Enquiry.

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

[oSIST prEN 4855-06:2024](https://standards.iteh.ai/catalog/standards/sist/a548ed7d-fb44-474a-bb1a-7be55ca36ae4/osist-pren-4855-06-2024)

<https://standards.iteh.ai/catalog/standards/sist/a548ed7d-fb44-474a-bb1a-7be55ca36ae4/osist-pren-4855-06-2024>

prEN 4855-06:2024 (E)

Introduction

High end lifestyle coffee products are increasingly becoming available onboard commercial aircraft. A variety of different designs of such equipment have been developed varying in weight, performance data as well as energy consumption. To meet the target to determine an energy efficiency index for aircraft espresso makers the purpose of this document is to standardize the test procedure and efficiency calculations for this equipment type.

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

[oSIST prEN 4855-06:2024](https://standards.iteh.ai/catalog/standards/sist/a548ed7d-fb44-474a-bb1a-7be55ca36ae4/osist-pren-4855-06-2024)

<https://standards.iteh.ai/catalog/standards/sist/a548ed7d-fb44-474a-bb1a-7be55ca36ae4/osist-pren-4855-06-2024>