## ASD-STAN STANDARD NORME ASD-STAN ASD-STAN NORM

## ASD-STAN prEN 4855-01

Edition P 1
November 2018



PUBLISHED BY THE AEROSPACE AND DEFENCE INDUSTRIES ASSOCIATION OF EUROPE - STANDARDIZATION Rue Montoyer 10 - 1000 Brussels - Tel. + 32 2 775 8126 - Fax. + 32 2 775 8131 - www.asd-stan.org

ICS:

Descriptors:

## **ENGLISH VERSION**

Aerospace series — ECO efficiency of catering equipment — Part 01: General conditions

Luft- und Raumfahrt — ECO Effizienz von Cateringgeräten — Teil 01: Allgemeine Bedingungen Série aérospatiale — Indice d'écoefficacité — Partie 01 : Conditions générales

This "Aerospace Series" Prestandard has been drawn up under the responsibility of ASD-STAN (The AeroSpace and Defence Industries Association of Europe — Standardization). It is published for the needs of the European Aerospace Industry. It has been technically approved by the experts of the concerned Domain following member comments.

Subsequent to the publication of this Prestandard, the technical content shall not be changed to an extent that interchangeability is affected, physically or functionally, without re-identification of the standard.

After examination and review by users and formal agreement of ASD-STAN, the ASD-STAN prEN will be submitted as a draft European Standard (prEN) to CEN (European Committee for Standardization) for formal vote and transformation to full European Standard (EN).

The CEN national members have then to implement the EN at national level by giving the EN the status of a national standard and by withdrawing any national standards conflicting with the EN.

ASD-STAN Technical Committee approves that: "This document is published by ASD-STAN for the needs of the European Aerospace Industry. The use of this standard is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

ASD-STAN reviews each standard and technical report at least every five years at which time it may be revised, reaffirmed, stabilized or cancelled. ASD-STAN invites you to send your written comments or any suggestions that may arise

All rights reserved. No parts of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission of ASD-STAN

Order details: E-mail: sales@asd-stan.org

Web address: http://www.asd-stan.org/

Edition approved for publication	Comments should be sent within six months	Cabin Domain
1 <sup>st</sup> November 2018	after the date of publication to	
	ASD-STAN	

## **Contents**

		Page
Forew	vord	3
Introd	duction	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Symbols and abbreviations	6
5	General test conditions	
5.1	General	6
5.2	Environmental conditions	7
5.3	Power supply and voltage	7
5.4	Measurement equipment	7
5.5	General weight measurement conditions	7
5.6	Noise measurement	8
5.7	Reference aircraft and reference mission	8
5.7.1	General	8
5.7.2	Assumptions	8
5.7.3	Overall kerosene consumption	
5.8	Calculation sheets	
5.8.1	General	12
5.8.2	Calculation sheet for oven equipment	
5.8.3	Calculation sheet for chilling equipment	
5.8.4	Calculation sheet for beverage makers	