ICS 11.180.30

# Draft Jamaican Standard Specification

for

Assistive products for blind and vision-impaired persons — Tactile walking surface indicators



# **BUREAU OF STANDARDS JAMAICA**

NON-OBJECTION PERIOD: JULY 20, 2025 TO AUGUST 19, 2025 Orall Jamaicain Staindard



Jamaican standards are subjected to periodic review. The next amendment will be sent without charge if you cut along the dotted line and return the self-addressed label. If we do not receive this label we have no record that you wish to be kept up-to-date. Our address:

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W.I.

Kingston 10 Jamaica W.I.	
	(  Cut along the line)
	DJS ISO 23599: 2025
NAME OR DESIGNATION	
ADDRESS	

#### JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter.
- JBS certification is provided in the interest of maintaining agreedupon standard requirements. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS does not assume or undertake to discharge any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of JBS Certification Mark Programme may be obtained from the Jamaica Bureau of Standards, 6 Winchester Road, Kingston 10.

#### **CERTIFICATION MARKS**



**Product Certification Marks** 



**Plant Certification Mark** 



Certification of Agricultural Produce [CAP] Mark



Jamaica-Made Mark

ICS 11.180.30

## **Draft Jamaican Standard Specification**

for

Assistive products for blind and vision-impaired persons — Tactile walking surface indicators

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica, W. I.

Tel: (876) 926 -3140-5, (876) 632-4275 or (876) 618-1534

Fax: (876) 929 -4736 Website: <u>www.bsj.org.jm</u> E-mail: <u>info@bsj.org.jm</u>

Month 202X

#### ©202X Bureau of Standards Jamaica

All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning without permission in writing.

#### **ISBN XXX-XXX-XXX-X**

Declared by the Bureau of Standards Jamaica to be a standard specification pursuant to section 7 of the Standards Act 1969.

First published Month 202X

This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ISO 23599: 2025.

Jamaican Standards establish requirements in relation to commodities, processes and practices, but not purport to include all the necessary provisions of a contract.

The attention of those using this standard specification is called to the necessity of complying with any relevant legislation.

### Amendments

No.	Date of Issue	Remarks	Entered by and date

## **Table of Contents**

			ia acknowleagment				
1							
1	•						
2	Norma	mative references					
3	Terms	ns and definitions					
4	Gener	ral provisions					
	4.1	1 General principles					
4.2		Detecting and distinguishing TWSIs					
			ieneral				
		4.2.2 T	'actile contrast	4			
			isual contrast				
		4.2.4 D	esign for prevention of tripping	4			
5	Requirements and recommendations						
	5.1		ions for shape and dimensions of TWSIs				
			ieneral				
			ttention patterns				
			uiding patterns				
	5.2	Surrounding or adjacent surfaces					
	5.3	Visual contrast					
			eneral				
			uminance contrast				
			alculation of the luminance contrast value				
			Naintenance of minimum luminance contrast				
			Measurement condition				
			Oifference in colour or tone				
			llumination				
	5.4	Materials					
5.5		Installation					
			eneral				
			rinciples for installation of TWSIs				
			rinciples for installation of attention patterns				
			rinciples for installation of guiding patterns				
Annex	A (info	rmative) I	uminance contrast	14			
Annex	B (info	rmative) I	Examples of installations of TWSIs in specific situations	17			
Biblio	graphy			38			

#### **National Foreword**

This standard is an adoption and is identical to ISO 23599: 2019(E) Building construction — Accessibility and usability of the built environment published by International Organization for Standardization.

#### Scope of the Standard

This document provides product specifications for tactile walking surface indicators (TWSIs) and recommendations for their installation in order to assist in the safe and independent mobility of blind or vision-impaired persons.

This document specifies two types of TWSIs: attention patterns and guiding patterns. Both types can be used indoors and outdoors throughout the built environment where there are insufficient cues for wayfinding, or at specific hazards.

NOTE Some countries have adopted other designs of TWSIs based on the consolidated findings of science, technology and experience, ensuring that they can be detected and distinguished by most users.

This document is not intended to replace requirements and recommendations contained in such national standards, regulations or guidelines.

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex gives provisions additional to those in the body of a document. They
  contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated. This standard is voluntary.

#### Acknowledgement

Acknowledgement is made to the International Organization for Standardization (ISO) for permission to adopt ISO 23599: 2019(E).