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შეფასების მეთოდები

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Standard

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**Identification cards — Card service
life —**

**Part 2:
Methods of evaluation**

*Cartes d'identification — Durée de vie des cartes —
Partie 2: Méthodes d'évaluation*

**Second edition
2024-01**

საინფორმაციო ტექნოლოგიების სტანდარტების განყოფილება



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Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
3.1 Terms and definitions.....	2
3.2 Abbreviated terms.....	2
4 Default items applicable to the evaluation methods	2
4.1 Test environment.....	2
4.2 Pre-conditioning.....	2
4.3 Default tolerance.....	3
4.4 Total measurement uncertainty.....	3
5 Test methods	3
5.1 Surface abrasion.....	3
5.1.1 General.....	3
5.1.2 Apparatus.....	3
5.1.3 Procedure.....	3
5.1.4 Test report.....	5
5.2 Magnetic stripe abrasion.....	5
5.2.1 General.....	5
5.2.2 Apparatus.....	6
5.2.3 Procedure.....	6
5.2.4 Test report.....	7
5.3 Adhesion of ICM to card — Wrapping test.....	7
5.3.1 General.....	7
5.3.2 Apparatus.....	7
5.3.3 Procedure.....	8
5.3.4 Test report.....	9
5.4 Adhesion of ICM to card — Push test.....	9
5.4.1 General.....	9
5.4.2 Apparatus.....	9
5.4.3 Procedure.....	10
5.4.4 Test report.....	11
5.5 Adhesion of ICM to card — Pull test.....	11
5.5.1 General.....	11
5.5.2 Apparatus.....	11
5.5.3 Procedure.....	11
5.5.4 Test report.....	12
5.6 Plasticised vinyl storage.....	12
5.6.1 General.....	12
5.6.2 Apparatus.....	12
5.6.3 Procedure.....	13
5.6.4 Test report.....	13
5.7 Temperature and humidity aging.....	14
5.7.1 General.....	14
5.7.2 Apparatus.....	14
5.7.3 Procedure.....	14
5.7.4 Test report.....	14
5.8 Temperature and exposure with humidity variation.....	14
5.8.1 General.....	14
5.8.2 Apparatus.....	14
5.8.3 Procedure.....	14
5.8.4 Test report.....	15

საინფორმაციო ნაწილი. სრული ტექსტის სახსრად შეიძლება სტანდარტი.

ISO/IEC 24789-2:2024(en)

5.9	ID-1 card flexure	15
5.9.1	General	15
5.9.2	Apparatus	15
5.9.3	Procedure	15
5.9.4	Test report	15
5.10	Cross cut tape test	16
5.10.1	General	16
5.10.2	Apparatus	16
5.10.3	Procedure	16
5.10.4	Test report	18
5.11	Additional test methods regarding mechanical strength	18
Annex A (informative) Additional tests		19
Bibliography		36

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and security devices for personal identification*.

This second edition cancels and replaces the first edition (ISO/IEC 24789-2:2011), which has been technically revised.

The main changes are as follows:

- all methods have been revised to bring them to the latest technical status;
- additional details are defined in the method ICM adhesion;
- plasticizer changed from DOP to DOTP;
- temperature humidity cycling method is replaced by temperature and exposure with humidity variation;
- temperature and humidity aging followed by peel strength is deleted;
- ID-card static bending stress method is added;
- temperature and humidity induced dye migration method is added to the informative [Annex A](#);
- mechanical life cycle sequence for contactless cards is added to the informative [Annex A](#).

A list of all parts in the ISO/IEC 24789 series can be found on the ISO and IEC websites.

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 and www.iec.ch/national-committees.

Introduction

This document provides methods of evaluation of identification (ID) card service life. These methods of evaluation complement the application profiles and requirements defined in ISO/IEC 24789-1 which are intended to be used by card issuers, card manufacturers and card component suppliers to represent the comparative rigour of various ID card service life applications. They provide a means for ranking and comparing the main factors affecting ID card service life in a manner that is amenable to evaluation using the methods defined or referenced in this document.

NOTE For the convenience of certain users, non-SI equivalents are given for some quantity values where these are in common use in the ID card industry. These equivalents appear in parenthesis and are for information only.

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