
**Information technology — Personal
identification — ISO-compliant driving
licence —**

Part 1:

**Physical characteristics and basic data
set**

iTeh STANDARD PREVIEW

(standards.iteh.ai)

*Technologies de l'information — Identification des personnes — Permis
de conduire conforme à l'ISO —*

ISO/IEC 18013-1:2005

Partie 1: Caractéristiques physiques et jeu de données de base

<https://standards.iteh.ai/catalog/standards/sis/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO/IEC 18013-1:2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

© ISO/IEC 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Foreword.....	iv
0 Introduction.....	v
1 Scope.....	1
2 Conformance.....	2
3 Normative references.....	2
4 Terms and definitions.....	2
5 Human-readable data elements on IDL.....	6
Annex A (normative) Card Design.....	9
Annex B (normative) Coding System and Pictograph Descriptions.....	27
Annex C (normative) Document Security Elements.....	31
Annex D (informative) Procedures for securing the issuance and use of IDLs.....	41
Annex E (informative) Card durability.....	43
Annex F (informative) Distinguishing Signs of Countries.....	44
Annex G (normative) IDL Booklet.....	48
Bibliography.....	73

[ISO/IEC 18013-1:2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

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. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 18013-1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

ISO/IEC 18013 consists of the following parts, under the general title *Information technology — Personal identification — ISO-compliant driving licence*:

— *Part 1: Physical characteristics and basic data set* [ISO/IEC 18013-1:2005
https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

The following part is under preparation: [9731-361aefb0cca9/iso-iec-18013-1-2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

— *Part 2: Machine readable technologies*

0 Introduction

ISO/IEC 18013 prescribes requirements for an ISO compliant driving licence (IDL). The intent of ISO/IEC 18013 is to allow the issuance of one document to serve the purpose of both an international driving permit (IDP) and a domestic driving permit (DDP). Issuing authorities issuing domestic driving licences (DDLs) that do not conform to ISO/IEC 18013 can benefit from using parts of ISO/IEC 18013 for their own domestic purpose. These issuing authorities should continue to issue a second document that follows the requirements of the IDP for international use.

0.1 Definition, Function & Requirements of International Driving Permit

The United Nation Conventions on Road Traffic of 1949 Geneva and 1968 Vienna are the responsibility of the Secretary General at the United Nations Headquarters, New York. The maintenance of the Conventions has been assigned to UN/ECE-Transport Division, Geneva, Switzerland. The ultimate goal of the Conventions is road safety. The Conventions make provisions for both an International Driving Permit (IDP) and a Domestic Driving Permit (DDP).

The IDP serves as a means of mutual recognition in that it is issued by the holder's home country licensing authority requesting another country who has ratified the Conventions to allow the holder the permission to operate a motor vehicle of authorized categories under specific conditions/restrictions. The IDP is essentially a translation of the DDP except in a common worldwide-recognized standardized format for global recognition and acceptance as specified in the Conventions. The IDP also makes provision for a state to disqualify the holder of an IDP from driving in that country by recording such in the designated area.

0.2 Harmonisation and Interoperability

The above general definition of a driving licence implies a human-readable document with the following properties.

- The document contains sufficient information for the identification of the licence holder.
- The document is difficult to counterfeit.
- The document is secure to prevent alteration.

In today's worldwide freedom of movement, modern driving licence systems impose additional requirements for facilitation with the advent and need for machine-assisted storage, retrieval, reading and verification technologies that UN Conventions have not addressed.

To achieve maximum global harmonisation and interoperability, standards are required to provide common platforms for visual human-readable evidence as well as for machine-assisted storage, retrieval, reading and verification by the use of ISO data storage technologies incorporated into the driving licence document.

0.3 Current Limitations of International Driving Permit

The problems and concerns with the current IDP that have been reported include the following.

- Easily copied, altered, or simulated and difficult for law enforcement authorities to detect fraudulent licences from genuine documents.
- Many non-government IDP issuing authorities do not query their respective government motor vehicle agencies to establish if the DDP presented is still valid and still current.
- There is no register/directory of national motor vehicle agency addresses for the inquiry and exchange of information among the agencies to verify the validity of a presented IDP.
- Does not incorporate the ISO machine-assisted data storage technologies.
- Suspension or cancellation of domestic driving licence (DDL) or domestic driving permit (DDP) *should* result in an automatic suspension or cancellation of the IDP; however, the current system does not facilitate that.
- The IDP holder may circumvent disqualifications entered on their original IDP by obtaining a new IDP.
- Validity of the IDP is currently limited to a maximum of 1 to 3 years, depending on the UN Convention followed.

0.4 Replacement of International Driving Permit (IDP) with ISO compliant Driving Licence (IDL)

At one time, the conventions contained specifications in regard to a mandatory “model” data element set (particulars) and a mandatory design layout of defined dimensions for both DDP and IDP. Subsequently, in 1990, the Convention’s mandatory requirement for the defined design layout of the DDP was rescinded as some countries made preparations for issuing the DDP in the form of an ISO ID-1 size card.

ISO/IEC 18013 similarly provides for the migration of the current mandatory design layout of defined dimensions for the IDP paper document to an ISO ID-1 size card. This allows the use of ISO machine-readable technologies at the option of motor vehicle authorities. Additionally, it provides the potential integration of the two documents (DDP&IDP) into a single document.

Compliance with International Standards is voluntary. No International Standards are mandated and use is at the sole discretion of the motor vehicle authority.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[ISO/IEC 18013-1:2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

Information technology — Personal identification — ISO-compliant driving licence —

Part 1: Physical characteristics and basic data set

1 Scope

This part of ISO/IEC 18013 establishes guidelines for the design format and data content of an ISO compliant driving licence (IDL) in regard to both visual human-readable features and ISO machine-readable technologies. It creates a common basis for international use and mutual recognition of the IDL without impeding individual national/community/regional motor vehicle authorities in taking care of their specific needs.

The design approach of the IDL ISO ID-1 size card and accompanying booklet with sleeve insert pocket is intended to replace the international driving permit (IDP) paper document (see annex G).

The basis of document design premises includes

- a minimum common mandatory data element set;
- a common layout for ease of recognition;
- minimum security requirements.

At the discretion of national/community/regional motor vehicle authorities, it

- allows for inclusion of supplementary optional data elements to meet the needs of specific national/community/regional requirements apart from the minimum common mandatory data element set;
- allows for the incorporation of ISO/IEC JTC1/SC17 machine-readable technologies including magnetic stripe, integrated circuit with contacts, contactless integrated circuit and optical memory technology, and ISO/IEC JTC1/SC31 1-dimensional / 2-dimensional bar codes, at the option of national/community/regional authorities;
- allows for the incorporation of current and future technologies (including biometrics, cryptography, data compression) at the option of national/community/regional authorities;
- allows for additional document physical security elements at the option of national/community/regional authorities, and facilitates international procurements.

A major benefit of these design premises is that a single card may serve a dual purpose of both a national/community/regional licence as well as an internationally recognized licence. Therefore, one card, in some cases, can replace the need for two documents. Alternatively, those countries that choose to maintain their individual domestic design can issue a second card with or without ISO machine-readable technologies to replace the current IDP paper document.

This new IDL design yields a document that

- is more secure from counterfeiting and alteration than the previous IDP document;
- allows authorities to verify the authenticity of the document;
- integrates the personal data into a secure ID-1 size medium;
- allows a more reliable identification of the licence holder;
- allows for machine-readable technologies;
- facilitates information exchange and mutual recognition among motor vehicle authorities;
- allows the domestic driving licence (DDL) that meets this Standard to serve simultaneously as an ISO compliant driving licence (IDL).

2 Conformance

A driving licence is in conformance with this part of ISO/IEC 18013 if it meets all mandatory requirements specified directly or by reference herein.

3 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 7810:2003, *Identification cards — Physical characteristics*

[ISO/IEC 18013-1:2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

4 Terms and definitions

<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

For the purposes of this document, the following terms and definitions apply.

4.1

alphabetic character

A

hexadecimal ranges 41 – 5A (Latin capital letters), 61 – 7A (Latin small letters), C0 – D6, D8 – F6 and F8 – FF of ISO/IEC 8859-1

4.2

country distinguishing sign

abbreviation for issuing country identified to the UN Secretary General in accordance with the UN Conventions (1949 and 1968) for vehicles in international traffic (see annex F), on the driving licence (human-readable)

4.3

card

document with nominal dimensions in conformance with ISO/IEC 7810 ID-1

4.4

data element

item of data that may appear on the driving licence in either human or machine-readable form

NOTE A distinction is made between static data elements and dynamic data elements.

4.4.1

static data element

data element associated with the issuing authority, and which is the same for all DLs issued on behalf of or by that issuing authority

4.4.2**dynamic data element**

data element associated with the licence holder and thus varies from one DL to the next for a particular licensing authority, thus specifically excluding the issuing authority data element

4.5**document recognition**

educational knowledge and ability to recognize the validity of the driving licence of both national and international jurisdictions including data elements, formatting, visual biometrics (e.g. portrait, signature), electronic readable features and document security features

4.6**driving licence****DL**

document issued to a driving licence holder by an issuing authority granting the individual the privilege to operate a motor vehicle within its jurisdiction

NOTE 1 The document may facilitate driving licence transactions and provide input data for such transactions. This issued document incorporates several elements and qualifications regarding the licence holder: positive identification of the individual; evidence of knowledge of laws and practices; practical driving proficiency in specific motor vehicle class categories; and, the individual's health restrictions (e.g. corrective eye lenses).

NOTE 2 Driving licences are classified into four types of documents, namely domestic driving licence, domestic driving permit, ISO compliant driving licence and international driving permit.

4.6.1**domestic driving licence****DDL**

document conveying driving privilege for operating motor vehicles within country/community of issuance, and which may or may not be issued in conformance with ISO/IEC 18013

<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

4.6.2**domestic driving permit****DDP**

driving licence issued in conformance with the UN Convention Geneva 1949, annex 9 or the UN Convention Vienna 1968, annex 6

NOTE This is the UN terminology for a domestic driving licence.

4.6.3**ISO compliant driving licence****IDL**

driving licence card issued in conformance with ISO/IEC 18013, which may be used for both domestic and international use

4.6.4**international driving permit****IDP**

driving licence issued in conformance with the UN Convention Geneva 1949, annex 10 or the UN Convention Vienna 1968, annex 7

4.7**first line inspection**

cursory examination without tools or aids that involves easily identifiable visual or tactile features for rapid inspection at point of usage

4.8**human-readable data / information**

data or information that is printed or engraved that is visually present on a driving licence and designed to be interpreted by a human

4.9

image

representation of the visual likeness of a subject

EXAMPLE Portrait, finger print, or signature.

NOTE Images may be collected and stored digitally or otherwise, and rendered for visual inspection using a variety of systems.

4.10

issuing authority

licensing authority, or issuing country if separate licensing authorities have not been authorised

4.11

issuing country

country according to annex F which issued the DL or within which the licensing authority is located

4.12

jurisdiction

territory (country, state, province) within which the licensing authority has the mandate and responsibility to apply motor vehicle laws/directives

4.13

licence holder

individual to whom a DL is issued i.e. the legitimate holder of the driving privileges reflected on a DL

4.14

licensing authority

authorised agent organisation that issues a DL

iTeh STANDARD PREVIEW
(standards.iteh.ai)

EXAMPLE National, federal, state, provincial, regional, territorial or local Ministry of Transport, Department of Motor Vehicles, or Police Agency.

<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

4.15

machine-readable data / information

data or information that is encoded into a machine-readable medium, such as a magnetic stripe, bar code, optical memory, or integrated circuit

4.16

mandatory element

element that is required

4.17

mutual recognition

privilege of citizens from two jurisdictions to drive an eligible vehicle under specified conditions/restrictions in each other's jurisdictions without the requirement of undergoing additional practical and/or written testing

NOTE Mutual recognition is administered by way of agreements between the governments of the jurisdictions.

4.18

non-portrait side of card

opposite face from the portrait side

4.19

numeric character

N

hexadecimal range 30 – 39 (digits 0 to 9) of ISO/IEC 8859-1

4.20**optional element**

element that may be used, but that is not mandatory

4.21**pictograph**

graphical representation associated with a specific value or instance of a predefined classification or restriction, such as a vehicle category or medical condition

NOTE See annex B.

4.22**portrait**

two dimensional representation of the face of a person in a full-face frontal pose

NOTE See annex A.

4.23**portrait side of card**

face of the card carrying visual information containing the reproduction of the portrait of the licence holder

4.24**second line inspection**

examination by trained inspectors with simple equipment (magnifying glass, UV light, machine-reading equipment, etc.)

4.25**security element**

distinct physical element or property of a document that contributes to at least one security feature

NOTE Depending on the method of verification, one element may provide one or more security features that may apply to the same or to different categories.

4.26**security feature**

feature of a document that is linked to a specific method of verification and thus helps insure the document's integrity and/or authenticity as a properly issued document that has not been tampered with

NOTE Security features may be distinguished in different kinds of categories such as:

- overt or covert,
- for human or machine-verification,
- for first line, second line, or third line inspection.

Physical security elements applied during production of a document may contribute more than one feature and therefore also cover more than one category of each kind.

4.27**special character****S**

hexadecimal ranges 20 – 2F (<space> ! " # \$ % & ' () * + , - . /), 3A (:), 3C – 40 (< = > ? @), 5B – 60 ([\] ^ _ `), 7B – 7E ({ | } ~), A1 – AC (¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬), AE – A5 (® ¯ ° ± ² ³ ´ µ), and A7 – BF (· , ' ° » ¼ ½ ¾ ¿) of ISO/IEC 8859-1

NOTE The semicolon ";", multiplication sign "x" and division sign "/" are defined as delimiters and the pilcrow sign "¶" is defined as the end-of-file character in the machine-readable data / information.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO/IEC 18013-1:2005
<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

4.28

supranational

extending beyond or transcending established borders or spheres of influence held by separate nations

NOTE The concept can apply equally to government entities (such as the European Union) and non-government entities (such as the International Civil Aviation Organization).

4.29

text

human-readable A, N or S

4.30

third line inspection

inspection by forensic specialists conducting detailed examination allows for more in-depth evaluation and may require special equipment to provide true certification

5 Human-readable data elements on IDL

5.1 Data element tables

The tables in 5.2 and 5.3 specify the mandatory and optional elements that appear on the IDL.

Column 1 (**Item #**): serves as a reference indicator for citation elsewhere in this Standard.

Column 2 (**Data field reference code on IDL**): reference code shall be visibly included as text on the IDL to identify the data element for purposes of interpreting the data and other international interchange requirements. The reference code may be depicted on the IDL with punctuation or without punctuation (as shown in Table 1 and Table 2).

EXAMPLE "1." or "1" may be used to reference the data element "Family name" and likewise "4c." or "4c" may be used to reference the data element "Issuing authority". Informative examples with punctuation and without punctuation are provided in A.10.

Column 3 (**Card zone placement**): indicates the location on the IDL where the data element shall be placed. Location of the zones are specified in annex A of this Standard.

Column 4 (**Data element name**): common name or phrase that is used to refer to the accompanying data element definition.

Column 5 (**Definition**): description of the data element, including any exceptions.

Column 6 (**Field maximum length/type**): valid field length (i.e., the number of characters) for each data element. The nature of the field length is defined by F=fixed length and V=variable length.

5.2 Mandatory data elements for international interchange

All the data elements appearing in Table 1, but for item f, the issuing authority, are dynamic data elements.

Table 1 — Mandatory data elements for international interchange

Item #	Data field reference code on IDL	Card zone placement	Data element name	Description/ Definition	Field maximum length/ type
a	1	Zone II	Family name	Last name, surname, or primary identifier, of the licence holder	V36AS
b	2	Zone II	Given names	First name(s), other name(s), or secondary identifier, of the licence holder	V36AS
c	3	Zone II	Date of Birth	Day, month, year on which the licence holder was born (if unknown, approximate Date of Birth)	F8N
d	4a	Zone II	Date of Issue	Date licence document was issued (same format as Date of Birth)	F8N
e	4b	Zone II	Date of Expiry	Date licence document expires (same format as Date of Birth)	F8N
f	4c	Zone II	Issuing Authority	Abbreviations may be used (see 4.10)	V65ANS
g	5	Zone II	Licence Number	The number assigned or calculated by the issuing authority	V25AN
h	6	Zone III	Portrait	A reproduction of the licence holder's portrait	(Image)
i	7	Zone II	Signature	A reproduction of the licence holder's signature, or usual mark, or thumb or finger print	(Image)
j	9	Zone II (may be repeated in Zone IV)	Categories of Vehicles	Vehicle types the licence holder is authorised to operate	V3AN (or Pictographs)
k	10	Zone II or IV	Date of issue per category	The date of issue for a specific class of vehicle if it is before the date of issue of the licence document (same format as Date of Birth)	F8N
l	11	Zone II or IV	Date of expiry per category	The date of expiry of the specific category if it expires before or after the date of expiry of the licence document (same format as Date of Birth)	F8N
m	12	Zone II or IV	Restrictions	Restrictions or conditions which apply to the licence holder when operating a vehicle (shown as pictographs defined in the restriction codes)	(Pictographs)
n	12	Zone II or IV	Conditions/ Information	Any medical, administrative or legal limitations applying to the licence holder and not covered under the standard restriction codes	(Pictographs)

5.3 Optional data elements for international interchange

All the data elements appearing in Table 2 are dynamic data elements.

Table 2 — Optional data elements for international interchange

Item #	Data field reference code on IDL ^a	Card zone placement	Data element name	Description/ Definition	Field maximum length/ type
o	3	Zone II	Place of Birth	Country and municipality or state/province where the licence holder was born	V33A
p	4d	Zone II	Administrative Number	An audit control number assigned by the licensing authority	V25ANS
q	8	Zone II	Permanent Place of Residence	The place where the licence holder resides and/or may be contacted (street/house number, municipality etc.)	V108ANS
r	15	Zone II	Gender	Licence holder's gender: M for male, F for female	F1A
s	16	Zone II	Height (cm.)	Licence holder's height in centimetres	F3N
t	16	Zone II	Height (ft./in.)	Licence holder's height in feet 1), inches 2) for example 509= 5ft 9in	F3N
u	17	Zone II	Weight (kg.)	Licence holder's weight in kilograms	F3N
v	17	Zone II	Weight (lb.)	Licence holder's weight in pounds	F3N
w	18	Zone II	Eye Colour	Licence holder's eye colour: blue, brown, black, hazel, green, grey, pink, dichromatic	V12A
x	19	Zone II	Hair Colour	Licence holder's hair colour: brown, black, blonde, grey, red/auburn, sandy, white, bald	V12A

NOTE Data field reference codes 13 & 14 are not used as they are designated for domestic use in the EC Directives and in the amendments to the Vienna Convention (proposed Rev.3 of WP.1, dated 5 Jan 2004).

^a The use of the reference code on the IDL is optional for the data elements in this table. However, if a reference code is used, it shall be the reference code listed in this table.

Annex A (normative)

Card Design

A.1 Introduction

This annex contains the requirements with regard to the human-readable content and layout of the data elements on the IDL.

The main ideology for defining the design of the IDL is the minimum acceptable set of requirements to guarantee global interoperability. Sufficient freedom is afforded to the issuing authorities of driving licences to meet their national (domestic) needs (existing standards, data contents, security elements, etc).

A.2 Scope

Annex A defines the specifications of the card layout, together with informative examples for ease of understanding.

A.3 Informative references

The following international agreements and standards contain provisions, which were considered in defining the requirements of this annex:

[ISO/IEC 18013-1:2005](https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005)

Convention on Road Traffic, Geneva of 19 September 1949
<https://standards.iteh.ai/catalog/standards/sist/62765406-774a-4105-9731-361aefb0cca9/iso-iec-18013-1-2005>

Convention on Road Traffic, Vienna of 8 November 1968

European Union Council Directive 91/439/EEC of 29 July 1991 O.J. EC No. L 237/1, as amended by:

European Union Council Directive 94/72/EC of 19 December 1994 O.J. EC No L 337/86

European Union Council Directive 96/47/EC of 23 July 1996 O.J. EC No. L 235/1

European Union Council Directive 97/26/EC of 2 June 1997 O.J. EC No. L 150/41

Commission Directive 2000/56/EC of 14 September 2000 O.J. EC No L 237/45

AAMVA National Standard for Driver License/ Identification Card, 30 June 2000

SADC Driving Licence specifications, 1995

A.4 Dimensions and character set

The nominal dimensions of the IDL shall be in conformance with ISO/IEC 7810 ID-1. Where the IDL is to incorporate machine-readable technology that requires the use of a slot reader, the dimensions and tolerances specified in ISO/IEC 7810 shall be observed. Additional specifications may apply depending upon the machine-readable technology incorporated on the card.

All mandatory human-readable data elements shall be printed in A, N or S characters.