



DL/ID Card Verification Program (CVP) Sample Credential Guidance for Card Design Testing

ADULT/MINOR CARD SETS

The Standard requires different orientations for adult and minor documents. Adult documents must have a horizontal orientation and Minor documents must have a vertical orientation. (The vertical orientation requirement is optional for Canadian jurisdictions.) The two orientations have different Zone layout requirements. In addition, the data elements requirements for Adult documents differ slightly from Minor documents, which include optional data elements to identify card holders as under 21, 19 and/or 18 years old. Therefore, we ask that the sample set provided include documents for both Adults and Minors.

DOCUMENT TYPES

The Standard identifies the options available for the spelling of document type indicators. Additionally, the data element requirements and features differ from document type to document type. Therefore, we ask that the sample set provided include all document types issued, so that the spelling of the document type indicators in use can be verified, and all data element requirements and features are met for each document type. Below is a list of typical document types. As this is not a complete list of possible document types, please be sure to include all document type issued and refer to Section A.7.2.1 for spelling options.

Driver License	REAL ID Driver License	Instruction Permit
Commercial Driver License	Enhanced Driver License	Identification Card
Graduate Driver License	Motorcycle Driver License	Limited-Term Identification Card
Temporary Driver License	Chauffeur Driver License	REAL ID Identification Card
Limited-Term Driver License	Learners Permit	Enhanced Identification Card

LIMITED VALUE DATA ELEMENTS

Some human readable and machine-readable data elements are limited to a list of standard values. These data elements are displayed and encoded using values that are listed in the various sections of the standard pertaining to each data element. Therefore, we ask that all possible values be included in your samples so that each value used can be verified for compliance. For each data element listed, please use each value, at least once, in your samples.

- Gender - limited to 3 options
 - Male
 - Female
 - Not specified
- Eye Color – limited to the following colors
 - Black

- Blue
- Brown
- Dichromatic
- Gray
- Green
- Hazel
- Maroon
- Pink
- Unknown
- Hair Color – limited to the following colors
 - Bald
 - Black
 - Blonde
 - Brown
 - Gray
 - Red/Auburn
 - Sandy
 - White
 - Unknown
- The Name truncation data elements: Last Name Truncation, First Name truncation and Middle Name Truncation are limited to one of three alpha characters, N, T and U
 - For the three name truncation data elements, it is recommended to submit 3 samples, each one representing truncation of a different name

NAME DATA ELEMENTS

The specification lists several rules on how each name element (first, middle, last, suffix) should be displayed on the card and how they should be encoded in the PDF417 bar code. To verify each name properly, please include samples that cover the following cardholder name possibilities:

- A cardholder that goes by a single name, i.e., Madonna or Beyonce
- A cardholder with two or more Middle Names
- Cardholders who have a name suffix.
 - One Name Suffix depicting first in hierarchy
 - One Name Suffix depicting second in hierarchy
 - One Name Suffix depicting third (or lower) in hierarchy

NON-EXPIRING DOCUMENTS

Expiration Date – Several jurisdictions issue non-expiring documents, which are usually Identification Cards. If your jurisdiction issues non-expiring documents, please include one with your samples.

MANDATORY DATA ELEMENTS

The specification requires mandatory data elements to always be present. It is possible that a mandatory data element has no value for a cardholder. In cases where a mandatory data element has no value for a cardholder, the Standard may require the data element value be “NONE” or “unavl” instead of having no value (i.e. blank).

Therefore, please include the following examples of data elements without a value:

- Middle Name – Cardholder uses a First Name and Last Name, but no Middle Name
- Restrictions – No restrictions apply to the cardholder
- Endorsements – No endorsements apply to the cardholder
- Include examples of any other mandatory data element that has the possibility of not having a value for a cardholder or not being applicable in your jurisdiction.

POSTAL CODE

Postal code is an 11-character fixed length PDF417 bar code data element. For U.S. jurisdictions, the postal code can be five digits (Zip) or nine digits (Zip+4). The postal code data element is encoded differently when encoding Zip vs. Zip+4. Therefore, please include samples that use Zip and samples that use Zip+4. If Zip+4 is never used, please mark it as not applicable.

OPTIONAL DATA ELEMENTS

The specification allows you to decide when/if an optional data element is present (included) or not present (not included). However, if an optional data element is present, it must follow the display and/or encoding requirements defined in the Standard. Therefore, please provide samples for each applicable optional data element listed below that your system may include.

SPECIAL INDICATORS

A few of the optional data elements are defined as special indicators. These special indicators indicate whether the cardholder holds a certain designation. The human readable data elements are specific symbols or text. The bar code requires the data element to be encoded only when designation applies to the cardholder. Therefore, please include samples for card holders that hold the designation and do not hold the designation

- Organ Donor Indicator
- Veteran Indicator
- Limited Duration Document Indicator

SAMPLE CREDENTIAL CHECKLIST

The table below lists a base set of samples for you to use to as a starting list of samples that should be created using your system. All the sample requests that were identified in the prior above sections have been incorporated into this base sample set below.

*For DL/ID Number please use the given data as a guideline in creating numbers that follow your specific numbering scheme.

**For the Class field please modify the values to match your specific Class codes.

***For the Specific Data column, data elements not listed for the given document can be filled with your normal values. If a data element listed is not applicable to your card data set, do not include it.

Document Type	DL/ID* Number	Class**	Name (Last, First, Middle)	Specific Data*** Included/Notes
Drivers License	111111111	D	LICENSE, SAMPLE, DRIVER`	Suffix: Sr/first Postal Code: 5-Digit Gender: Male Eyes: Brown Hair: Brown Restrictions: None Endorsements: None Organ Donor: Yes
Minor Drivers License	222222222	D	LICENSE, UNDER, TWENTY ONE Note: 2 Middle Names	Suffix: Jr/second Postal Code: 5-Digit Gender: Not Specified Eyes: Green Hair: Red Organ Donor: Yes
Commercial Drivers License	333333333	A	LICENSE, COMMERCIAL Note: No Middle Name	Postal Code: 9-Digit Gender: Female Eyes: Blue Hair: Blond Restrictions: Most possible Organ Donor: No Veteran: No
Learners Permit	444444444	D	PERMIT, SAMPLE, LEARNERS	Suffix: third Postal Code: 5-Digit Gender: Male Eyes: Pink Hair: White Organ Donor: Yes Add a Second Address line, i.e. APT 2E
Minor Learners Permit	555555555	D	PERMIT, UNDER, TWENTYONE	Postal Code: 9-Digit Gender: Female Eyes: Maroon Hair: Black Organ Donor: No Make user 16 yrs. old at issuance
REAL ID Fully-compliant Drivers License	666666666	D	LICENSE, REALID, DRIVER	Postal Code: 9-Digit Gender: Male Eyes: Dichromatic Hair: Bald Endorsements: Most possible Veteran: Yes
REAL ID Non-compliant Drivers License	777777777	D	LICENSE, REALID, NONCOMP	Gender: Female Eyes: Black Hair: Sandy
Identification Card	888888888		KARDEE Note: only one name	Gender: Female Eyes: Hazel Hair: Gray
Identification Card	999999999		CARD, SAMPLE, IDENTIFICATION	Gender: Female Eyes: Gray

				Hair: Unknown Expiration: Non-expiring
Minor Identification Card	111222222		THELENGTHOFTHISNAMESHOULDREQUIRETRUNCATION, UNDER, TWENTYONE	Gender: Male Eyes: Brown Hair: Red
REAL ID Fully-compliant Identification Card	111333333		CARD, REALID, IDENTIFICATION	Gender: Not Specified Eyes: Unknown Hair: Black
Limited-Term Driver License	111444444	C	LICENSE, THELENGTHOFTHISNAMESHOULDREQUIRETRUNCATION, LIMITED	Gender: Male Eyes: Green Hair: Gray Organ Donor: No
Limited-Term Minor Driver License	111555555	D	LICENSE, MINOR, LIMITED TERM	Gender: Female Eyes: Blue Hair: Sandy Organ Donor: Yes
Limited-Term Identification Card	111666666		CARD, LIMITED, IDENTIFICATION	Gender: Male Eyes: Maroon Hair: White
Limited-Term Minor Identification Card	111777777		IDCARD, MINOR, LIMITED	Gender: Female Eyes: Hazel Hair: Brown
Non-Domiciled Driver License	111888888	B	LICENSE, NONDOM, THELENGTHOFTHISNAMESHOULDREQUIRETRUNCATION	Gender: Female Eyes: Pink Hair: Blond
Non-Domiciled Minor Driver License	111999999	D	LICENSE, MINOR, NONDOMICILED	Gender: Male Eyes: Black Hair: White
Non-Domiciled Identification Card	222111111		IDCARD, NONDOMICILED, IDENTIFICATION	Gender: Male Eyes: Brown Hair: Bald
Non-Domiciled Minor Identification Card	222333333		IDCARD, MINOR, NONDOMICILED	Gender: Female Eyes: Dichromatic Hair: Gray
Motorcycle Driver License	222444444	D	LICENSE, MOTORCYCLE, DRIVER`	Gender: Male Eyes: Brown Hair: Brown Endorsements: M
Graduate Driver License	222555555	D	LICENSE, GRADUATE, DRIVER	Gender: Not Specified Eyes: Black Hair: Black
Intermediate Driver License	222666666	D	LICENSE, INTERMEDIATE, DRIVER	Gender: Female Eyes: Gray Hair: Gray
Chauffeur Driver License	222777777	D	LICENSE, CHAUFFEUR, DRIVER	Gender: Female Eyes: Black Hair: Black
Instruction Permit	222888888	D	PERMIT, INSTRUCTION	Gender: Male Eyes: Black Hair: Black

Use below for any document types you issue that is not listed above				
Other:	222999999			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333000000			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333111111			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333222222			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333444444			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333555555			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333666666			Postal Code: Gender: Eyes: Hair: Organ Donor:
Other:	333777777			Postal Code: Gender: Eyes: Hair: Organ Donor: