
HEXAPOSTE NV 2011 (release nov 2014)

MATERIAL DATA SHEET

A. PRODUCT

HEXAPOSTE NV 2011 is the frame of references of France post and CEDEX codes extracted from La Poste Production data. This frame of references is updated by the advisers of Address Operational Centers (AOC), based on updates relayed by the INSEE and the postal network management modifications.

HEXAPOSTE NV 2011 contains the 6 300 post codes of the 36 600 communes (i.e town) of France, in addition the ones of the 1 100 former communes and the 21 000 CEDEX codes created in the CEDEX offices as well as the CEDEX codes attached to the INSEE codes of the CEDEX clients.

B. OFFER

A complete and updated version of HEXAPOSTE NV 2011 is available each month with two standards (32 and 38 characters) according to the standardization rules outlined in the AFNOR Z 10-011 and XP Z 10-011 standards. The last one is still experimental until the launching of the address European standard.

C. PURPOSE

HEXAPOSTE NV 2011 allows control of lines 5 and 6 (geographic address) and CEDEX addresses. The main writing cases are:

Geographic address:

Case 1:

Line 5:

Line 6: Post code (PC) and commune delivery wording

Example:

L5:

L6: 33500 LIBOURNE

Case 2:

Line 5: Former commune wording
Line 6: PC and commune delivery wording
Example: L5: CRENAY
L6: 52000 FOULAIN

Case 3:
Line 5: District
Line 6: PC and commune delivery wording

Example: L5: BEHOBIE
L6: 64700 URRUGNE

Case 4:
Line 5: So-called place
Line 6: PC and commune delivery wording

Example: L5: RAPHELE LES ARLES
L6: 13280 ARLES

Special cases:

Overseas collectivities :

L5: Commune wording
L6: PC and commune delivery wording (the most of time, commune where the delivery office is)

Example: L5: MOOREA MAIAO
L6: 98729 VAIANAE

Associated commune wording for some grouped communes, staying on line 6 for postal management reasons:

Line 5:
Line 6: 59160 LOMME

CEDEX address:

Line 5: Customer commune wording (if different from delivery wording)
Line 6: CEDEX code and CEDEX delivery office wording

Example: L5:
L6: 33506 LIBOURNE CEDEX

L5: ARVEYRES
L6: 33506 LIBOURNE CEDEX

- Main cases of addresses modification are :

Commune which changes its wording
Line 6: Post code and delivery wording for new commune

Example: 50100 CHERBOURG become 50100 CHERBOURG OCTEVILLE

Commune becoming a so-called place :
Line 6: Post code and delivery wording for new commune

Example: 50130 OCTEVILLE become 50300 CHERBOURG OCTEVILLE

So-called place becoming commune
Line 6: Post code and delivery wording for new commune

D. FILES

Each file has the following characteristics :

- **Complete file** (approximately 8 Mo volume) **and update file** : fixed size recordings, 124-character length with 32- or 142-character standard to standard 38 (except characters of line end and file end)

Each file contains 2 kinds of recording:

- The logical entry "prefix" (top of the file)
- The logical entry "code" (post and CEDEX codes)

Sorting criteria

Entry "code": town INSEE code, post code, L5 wording

Key

AN size: former 32 standard file; NN size: new 38 standard

1. Logical entry "prefix"

Zone	Designation	AN Size	NN Size	AN Position	NN Position	Type	Values
1	Creation date	10	10	1	1	Date	Dd/mm/yyyy
2	File wording	22	22	11	11	Alphanumeric	©LA POSTE HEXAPOSTE
3	File format	92	110	33	33	Alphanumeric	Complete xx / UPDATE xx
	Total length	124	142				

XX = 32 or 38 (standard used)

2. Logical entry "code"

Zone	Designation	AN Size	NN Size	AN Position	NN Position	Type	Values
1*	Address line 6 or line 5/line 6 identifying	6	6	1	1	Alphanumeric	
2	Commune INSEE code	5	5	7	7	Alphanumeric	Optional for CEDEX
3	Commune wording	32	38	12	12	Alphanumeric	
4	Multi-delivery identifying	1	1	44	50	Numerical	0 or 1
5	Post code type	1	1	45	51	Alphanumeric	M, C
6	Line 5 wording	32	38	46	52	Alphanumeric	Optional
7	Post code	5	5	109	127	Numerical	
8	Delivery wording	26	32	83	95	Alphanumeric	
9	Former commune INSEE code	5	5	109	127	Alphanumeric	Optional
10	Update code	1	1	114	132	Alphanumeric	C, M, S or gap
11	CEA	10	10	115	133	Alphanumeric	Only household

*Update key: Area 1

E. DATA

ADDRESS IDENTIFYING line 6 or line 5 / line 6

The identifying is a key that allows identifying an address made of line 6 (post code and delivery wording), or line 5 (mainly so-called place) and line 6.

This alphanumeric identifying is made up of 6 characters. It is unique and unmeaning.

- In case of commune fusion, the identifying will be the one of the absorbing commune
- In case of commune separation, it will be allocated to the commune which keeps the INSEE code. The other one will recover its former identifying or will get another one if it did not have it before.

COMMUNE INSEE CODE

About household post codes :

It is the commune or subdivision (for Paris, Lyon and Marseille) INSEE code that has this line 6 or line 5 / line 6 address.

About CEDEX post codes :

It is the INSEE code of the commune which is served by this CEDEX post code, inferred from the CEDEX (CEDEXA) customers' addresses. If several communes are served, you will have to create as many lines in the file. If the location commune of the customer has a different wording from line 6, its wording will appear in line 5 wording. This information must allow the RPSV tools authenticating the roads of a CEDEX address through HEXAVIA and adding the commune wording on line 5.

If there is no associated customer, the commune INSEE code will be null, line 4 authentication being not required.

COMMUNE WORDING

It is the standardized one according to the post addressing standard.

About CEDEX post codes: It is not filled if the commune INSEE code is null (see below)

MULTI-DELIVERY INDICATOR

Only about household post codes :

1 = Commune with several post codes (or 0), this commune getting addresses with or without line 5.

This indicator allows controlling the post code authentication regarding the road or the terminal stretch of the road, with the HEXAVIA file, when a commune is multi-delivered.

About CEDEX post codes :

Not used so = 0

POST CODE TYPE

M = household post code

C = CEDEX post code active and used by one or several customers, or CEDEX post code not yet assigned to a customer. When the CEDEX post code is type 'C' and the corresponding INSEE code is empty, either there is a CEDEX with customers having specific service (TSA...) or the Cedex post code is created but not attributed yet to a customer. In this case (empty INSEE code), you cannot control the wording of the customer address and the corresponding CEDEX code can't be found in CEDEXA.

LINE 5 WORDING

About household post codes :

It is the wording expected on line 5 and which mainly a so-called place wording, or else no wording.

Special case : in overseas collectivities (communes beginning with 987 or 988), the commune wording is indicated on line 5 in the address.

In all cases, the wording is standardized according to post standards. For example: SAINT and SAINTE (singular only) are reduced and become ST and STE.

About CEDEX post codes :

It is the commune wording of involved customers, standardized according to post standards, to mention on line 5 (in addition to the possible delivery wording of the customer) when the delivery wording is not the commune wording excluding the "CEDEX" word or compared, or else no wording.

This way, can exist various communes on line 5 for the CEDEX code.

POST CODE

Post code expected on line 6 ("household" or "CEDEX" type) or mentioned ("CEDEX saved by La Poste")

DELIVERY WORDING

Wording expected on line 6 and standardized according to post standards.

"FORMER COMMUNE" INSEE CODE

About household post codes :

- General case: this data is not filled
- Downgraded communes case: it is the INSEE code of the former downgraded commune mentioned in the line 5 wording
- Associated communes case (except LOMME and HELLEMES LILLE): it is the INSSE code of the associated commune mentioned on line 6

About CEDEX codes, this data is not filled.

UPDATE CODE

It is changed to bring the range files into line. It is only given in the update file and the possible values are C (Creation), M (Modification) and S (delete).

CEA

It is a concept development which concern only household Postal Codes. CEA (Extended Code Address) is an alphanumeric key that codifies addresses made with a Line 6 or a Line 5 / Line 6, according to the principle of codification such as CEA roads, numbers or Line 3 Address from HEXACLE or HEXALIGNE3 files.

CEA does not change when Line 6 or ligne5/Ligne6 are modified on the same geographical area.

A new CEA is created when there is a division of a city.

A CEA can be deleted : particularly in case of merged cities when the wording of the absorbed town is not kept in line 5. Its CEA disappears.

COMPLEMENTARY PRODUCTS

Address Authentication Range

HEXAPOSTE post and CEDEX codes frame of references

HEXAVIA France roads frame of references

HEXACLE Premise numbers frame of references

Press Routing Range

ROUDIS National delivery indicators for press routing

ROUTAGE Presse centralizers for press routing

ROUTAGE International exchange offices for international press routing

F. CONTACTS

Distributor of geographic references :

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