

ISO 19160-4:2023-04 (E)

Addressing - Part 4: International postal address components and template language

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Abbreviated terms	6
5	Conformance	7
5.1	Composition	7
5.2	U-code	7
5.3	Rendering of postal address	7
5.4	PATDL template	7
6	Postal address components	7
6.1	General	7
6.2	Postal address segments	9
6.3	Postal address constructs	10
6.4	Postal address elements	11
6.5	Postal address sub-elements	19
6.6	Requirement for composition	21
7	Element and sub-element codes	21
7.1	General	21
7.2	Requirement for a U-code	21
8	Postal address rendering	22
8.1	General	22
8.2	Rendering parameters	24
8.3	Rendition instructions	25
8.3.1	General	25
8.3.2	Concatenation	25
8.3.3	Abbreviation	25
8.3.4	Punctuation	26
8.4	Requirements for rendering of postal address	26
8.5	Requirement for domain of postal address template	26
9	Postal address template description language (PATDL)	26
9.1	General	26
9.2	PATDL as an XML Schema	27
9.2.1	General	27
9.2.2	Requirement for encoding of rendering rules	28
9.2.3	Requirement for data populating PATDL elements	28
9.3	PATDL elements	28
9.3.1	General	28
9.3.2	templateIdentifier	29
9.3.3	userPreferences	30
9.3.4	triggerConditions	30

9.3.5	lineData	32
9.3.6	combineData	34
Annex A (normative)	Abstract test suites	36
Annex B (informative)	PostaladdressprofileofISO19160-1	38
Annex C (informative)	Mapping conventions	45
Annex D (informative)	Template design patterns	54
Annex E (informative)	PATDL features	58
Annex F (informative)	Example of PATDL template	61
Bibliography	64