

ISO 19143:2010-10 (E)

Geographic information - Filter encoding

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Conformance	2
3	Normative references	3
4	Terms and definitions	3
5	Conventions	6
5.1	Abbreviated terms	6
5.2	UML notation	7
5.3	Use of examples	8
5.4	Namespaces	8
5.5	KVP-encoded parameter lists	8
5.6	XML Schema fragments	9
6	Query expressions	9
6.1	General	9
6.2	Abstract query expressions	9
6.3	Ad hoc query expression	10
7	Filter	13
7.1	General considerations	13
7.2	Encoding	14
7.3	Expressions	14
7.4	Value references	15
7.5	Literals	17
7.6	Functions	18
7.7	Comparison operators	19
7.8	Spatial operators	22
7.9	Temporal operators	26
7.10	Logical operators	28
7.11	Object identifiers	30
7.12	Extensions	31
7.13	Filter capabilities	33
7.14	Encoding	35
8	Sorting	42
8.1	General considerations	42
8.2	Encoding	42
8.3	Exceptions	43
Annex A (normative) Conformance testing		44
Annex B (informative) Filter schema definitions		48
Annex C (informative) Examples		60

Annex D (informative) EBNF for XPath subset	80
Annex E (informative) Abstract model	81
Bibliography	82