* [Rule 4-1,](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html" \l "rule_4-1)*[Schema marked as reference schema document must conform](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html" \l "rule_4-1)*[(SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html" \l "rule_4-1): [Section 4.1, *Conformance targets defined*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_4.1)
* [Rule 4-2, *Schema marked as extension schema document must conform* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_4-2): [Section 4.1, *Conformance targets defined*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_4.1)
* [Rule 4-3, *Schema is CTAS-conformant* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_4-3): [Section 4.3, *Conformance target identifiers*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_4.3)
* [Rule 4-4, *Document element has attribute ct:conformanceTargets* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_4-4): [Section 4.3, *Conformance target identifiers*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_4.3)
* [Rule 4-5, *Schema claims reference schema conformance target* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_4-5): [Section 4.3, *Conformance target identifiers*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_4.3)
* [Rule 4-6, *Schema claims extension conformance target* (EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_4-6): [Section 4.3, *Conformance target identifiers*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_4.3)
* [Rule 7-1, *Document is an XML document* (REF, EXT, INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_7-1): [Section 7.1, *Conformance to XML*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_7.1)
* [Rule 7-2, *Document uses XML namespaces properly* (REF, EXT, INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_7-2): [Section 7.2, *Conformance to XML Namespaces*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_7.2)
* [Rule 7-3, *Document is a schema document* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_7-3): [Section 7.3, *Conformance to XML Schema*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_7.3)
* [Rule 7-4, *Document element is xs:schema* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_7-4): [Section 7.3, *Conformance to XML Schema*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_7.3)
* [Rule 7-5, *Component name follows ISO 11179 Part 5 Annex A* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_7-5): [Section 7.5, *ISO 11179 Part 5*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_7.5)
* [Rule 9-1, *No base type in the XML namespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-1): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-2, *No base type of xs:ID* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-2): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-3, *No base type of xs:IDREF* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-3): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-4, *No base type of xs:IDREFS* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-4): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-5, *No base type of xs:anyType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-5): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-6, *No base type of xs:anySimpleType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-6): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-7, *No base type of xs:NOTATION* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-7): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-8, *No base type of xs:ENTITY* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-8): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-9, *No base type of xs:ENTITIES* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-9): [Section 9.1.1.1, *Types prohibited as base types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.1.1)
* [Rule 9-10, *Simple type definition is top-level* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-10): [Section 9.1.2, *Simple type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2)
* [Rule 9-11, *No simple type disallowed derivation* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-11): [Section 9.1.2, *Simple type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2)
* [Rule 9-12, *Simple type has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-12): [Section 9.1.2, *Simple type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2)
* [Rule 9-13, *No list item type of xs:ID* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-13): [Section 9.1.2.1, *Simple types prohibited as list item types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.1)
* [Rule 9-14, *No list item type of xs:IDREF* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-14): [Section 9.1.2.1, *Simple types prohibited as list item types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.1)
* [Rule 9-15, *No list item type of xs:anySimpleType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-15): [Section 9.1.2.1, *Simple types prohibited as list item types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.1)
* [Rule 9-16, *No list item type of xs:ENTITY* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-16): [Section 9.1.2.1, *Simple types prohibited as list item types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.1)
* [Rule 9-17, *No union member types of xs:ID* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-17): [Section 9.1.2.2, *Simple types prohibited as union member types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.2)
* [Rule 9-18, *No union member types of xs:IDREF* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-18): [Section 9.1.2.2, *Simple types prohibited as union member types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.2)
* [Rule 9-19, *No union member types of xs:IDREFS* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-19): [Section 9.1.2.2, *Simple types prohibited as union member types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.2)
* [Rule 9-20, *No union member types of xs:anySimpleType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-20): [Section 9.1.2.2, *Simple types prohibited as union member types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.2)
* [Rule 9-21, *No union member types of xs:ENTITY* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-21): [Section 9.1.2.2, *Simple types prohibited as union member types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.2)
* [Rule 9-22, *No union member types of xs:ENTITIES* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-22): [Section 9.1.2.2, *Simple types prohibited as union member types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2.2)
* [Rule 9-23, *Enumeration has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-23): [Section 9.1.2, *Simple type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.2)
* [Rule 9-24, *Complex type definitions is top-level* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-24): [Section 9.1.3, *Complex type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3)
* [Rule 9-25, *Complex type has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-25): [Section 9.1.3, *Complex type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3)
* [Rule 9-26, *No mixed content on complex type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-26): [Section 9.1.3.1, *No mixed content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3.1)
* [Rule 9-27, *No mixed content on complex content* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-27): [Section 9.1.3.1, *No mixed content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3.1)
* [Rule 9-28, *Complex type content is explicitly simple or complex* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-28): [Section 9.1.3, *Complex type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3)
* [Rule 9-29, *Complex content uses extension* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-29): [Section 9.1.3.2, *Complex content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3.2)
* [Rule 9-30, *Base type of complex type with complex content must have complex content* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-30): [Section 9.1.3.2.1, *Base type of complex type with complex content has complex content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3.2.1)
* [Rule 9-31, *Base type of complex type with complex content must have complex content* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-31): [Section 9.1.3.2.1, *Base type of complex type with complex content has complex content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3.2.1)
* [Rule 9-32, *Simple content uses extension* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-32): [Section 9.1.3.3, *Simple content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3.3)
* [Rule 9-33, *No complex type disallowed substitutions* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-33): [Section 9.1.3, *Complex type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3)
* [Rule 9-34, *No complex type disallowed derivation* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-34): [Section 9.1.3, *Complex type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.1.3)
* [Rule 9-35, *Element declaration is top-level* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-35): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-36, *Element declaration has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-36): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-37, *Untyped element is abstract* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-37): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-38, *Element of type xs:anySimpleType is abstract* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-38): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-39, *Element type not in the XML Schema namespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-39): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-40, *Element type not in the XML namespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-40): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-41, *Element type is not simple type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-41): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-42, *No element disallowed substitutions*(REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-42): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-43, *No element disallowed derivation* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-43): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-44, *No element default value* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-44): [Section 9.2.1.1, *No element value constraints*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1.1)
* [Rule 9-45, *No element fixed value* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-45): [Section 9.2.1.1, *No element value constraints*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1.1)
* [Rule 9-46, *Element declaration is nillable* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-46): [Section 9.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.1)
* [Rule 9-47, *Attribute declaration is top-level* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-47): [Section 9.2.3, *Attribute declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3)
* [Rule 9-48, *Attribute declaration has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-48): [Section 9.2.3, *Attribute declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3)
* [Rule 9-49, *Attribute declaration has type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-49): [Section 9.2.3, *Attribute declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3)
* [Rule 9-50, *No attribute type of xs:ID* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-50): [Section 9.2.3.1, *Prohibited attribute types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.1)
* [Rule 9-51, *No attribute type of xs:IDREF* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-51): [Section 9.2.3.1, *Prohibited attribute types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.1)
* [Rule 9-52, *No attribute type of xs:IDREFS* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-52): [Section 9.2.3.1, *Prohibited attribute types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.1)
* [Rule 9-53, *No attribute type of xs:ENTITY* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-53): [Section 9.2.3.1, *Prohibited attribute types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.1)
* [Rule 9-54, *No attribute type of xs:ENTITIES* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-54): [Section 9.2.3.1, *Prohibited attribute types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.1)
* [Rule 9-55, *No attribute type of xs:anySimpleType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-55): [Section 9.2.3.1, *Prohibited attribute types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.1)
* [Rule 9-56, *No attribute default values* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-56): [Section 9.2.3.2, *No attribute value constraints*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.2)
* [Rule 9-57, *No attribute fixed values* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-57): [Section 9.2.3.2, *No attribute value constraints*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.3.2)
* [Rule 9-58, *No use of element xs:notation* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-58): [Section 9.2.4, *Notation declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.2.4)
* [Rule 9-59, *Model group does not affect meaning* (EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-59): [Section 9.3.1, *Model group*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.1)
* [Rule 9-60, *No xs:all* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-60): [Section 9.3.1, *Model group*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.1)
* [Rule 9-61, *xs:sequence must be child of xs:extension* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-61): [Section 9.3.1.1, *Sequence*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.1.1)
* [Rule 9-62, *xs:sequence must be child of xs:extension or xs:restriction* (EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-62): [Section 9.3.1.1, *Sequence*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.1.1)
* [Rule 9-63, *No xs:choice* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-63): [Section 9.3.1.2, *Choice*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.1.2)
* [Rule 9-64, *xs:choice must be child of xs:sequence* (EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-64): [Section 9.3.1.2, *Choice*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.1.2)
* [Rule 9-65, *Sequence has minimum cardinality 1* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-65): [Section 9.3.2.1, *Sequence cardinality*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.2.1)
* [Rule 9-66, *Sequence has maximum cardinality 1* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-66): [Section 9.3.2.1, *Sequence cardinality*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.2.1)
* [Rule 9-67, *Choice has minimum cardinality 1* (EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-67): [Section 9.3.2.2, *Choice cardinality*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.2.2)
* [Rule 9-68, *Choice has maximum cardinality 1* (EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-68): [Section 9.3.2.2, *Choice cardinality*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.2.2)
* [Rule 9-69, *No use of xs:any* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-69): [Section 9.3.4, *Wildcard*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.4)
* [Rule 9-70, *No use of xs:anyAttribute* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-70): [Section 9.3.4, *Wildcard*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.3.4)
* [Rule 9-71, *No use of xs:unique* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-71): [Section 9.4, *Identity-constraint definition components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.4)
* [Rule 9-72, *No use of xs:key* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-72): [Section 9.4, *Identity-constraint definition components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.4)
* [Rule 9-73, *No use of xs:keyref* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-73): [Section 9.4, *Identity-constraint definition components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.4)
* [Rule 9-74, *No use of xs:group* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-74): [Section 9.5.1, *Model group definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.5.1)
* [Rule 9-75, *No definition of attribute groups* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-75): [Section 9.5.2, *Attribute group definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.5.2)
* [Rule 9-76, *Comment is not recommended* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-76): [Section 9.6, *Annotation components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.6)
* [Rule 9-77, *Documentation element has no element children* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-77): [Section 9.6, *Annotation components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.6)
* [Rule 9-78, *xs:appinfo children are comments, elements, or whitespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-78): [Section 9.6.1, *Application information annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.6.1)
* [Rule 9-79, *Appinfo child elements have namespaces* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-79): [Section 9.6.1, *Application information annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.6.1)
* [Rule 9-80, *Appinfo descendants are not XML Schema elements* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-80): [Section 9.6.1, *Application information annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.6.1)
* [Rule 9-81, *Schema has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-81): [Section 9.7, *Schema as a whole*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.7)
* [Rule 9-82, *Schema document defines target namespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-82): [Section 9.7, *Schema as a whole*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.7)
* [Rule 9-83, *Target namespace is absolute URI* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-83): [Section 9.7, *Schema as a whole*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.7)
* [Rule 9-84, *Schema has version* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-84): [Section 9.7, *Schema as a whole*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.7)
* [Rule 9-85, *No disallowed substitutions* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-85): [Section 9.7, *Schema as a whole*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.7)
* [Rule 9-86, *No disallowed derivations* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-86): [Section 9.7, *Schema as a whole*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.7)
* [Rule 9-87, *No use of xs:redefine* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-87): [Section 9.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8)
* [Rule 9-88, *No use of xs:include* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-88): [Section 9.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8)
* [Rule 9-89, *xs:import must have namespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-89): [Section 9.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8)
* [Rule 9-90, *XML Schema document set must be complete* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-90): [Section 9.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8)
* [Rule 9-91, *Namespace referenced by attribute type is imported* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-91): [Section 9.8.1, *Namespaces for referenced components are imported*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8.1)
* [Rule 9-92, *Namespace referenced by attribute base is imported* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-92): [Section 9.8.1, *Namespaces for referenced components are imported*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8.1)
* [Rule 9-93, *Namespace referenced by attribute itemType is imported* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-93): [Section 9.8.1, *Namespaces for referenced components are imported*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8.1)
* [Rule 9-94, *Namespaces referenced by attribute memberTypes is imported* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-94): [Section 9.8.1, *Namespaces for referenced components are imported*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8.1)
* [Rule 9-95, *Namespace referenced by attribute ref is imported* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-95): [Section 9.8.1, *Namespaces for referenced components are imported*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8.1)
* [Rule 9-96, *Namespace referenced by attribute substitutionGroup is imported* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_9-96): [Section 9.8.1, *Namespaces for referenced components are imported*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_9.8.1)
* [Rule 10-1, *Complex type has a category* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-1): [Section 10.1, *Categories of NIEM type definitions*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.1)
* [Rule 10-2, *Object type with complex content is derived from object type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-2): [Section 10.2.1.1, *Object types with complex content*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.1.1)
* [Rule 10-3, *RoleOf element type is an object type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-3): [Section 10.2.2, *Role types and roles*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.2)
* [Rule 10-4, *Only object type has RoleOf element* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-4): [Section 10.2.2, *Role types and roles*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.2)
* [Rule 10-5, *RoleOf elements indicate the base types of a role type* (REF, EXT, INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-5): [Section 10.2.2, *Role types and roles*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.2)
* [Rule 10-6, *Instance of RoleOf element indicates a role object* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-6): [Section 10.2.2, *Role types and roles*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.2)
* [Rule 10-7, *Import of external namespace has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-7): [Section 10.2.3.1, *Import of external namespace*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.1)
* [Rule 10-8, *External adapter type has indicator* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-8): [Section 10.2.3.2, *External adapter types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.2)
* [Rule 10-9, *Structure of external adapter type definition follows pattern* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-9): [Section 10.2.3.2, *External adapter types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.2)
* [Rule 10-10, *Element use from external adapter type defined by external schema documents* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-10): [Section 10.2.3.2, *External adapter types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.2)
* [Rule 10-11, *External adapter type not a base type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-11): [Section 10.2.3.2, *External adapter types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.2)
* [Rule 10-12, *External adapter type not a base type* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-12): [Section 10.2.3.2, *External adapter types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.2)
* [Rule 10-13, *External attribute use only in external adapter type* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-13): [Section 10.2.3.3, *External attribute use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.3)
* [Rule 10-14, *External attribute use has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-14): [Section 10.2.3.3, *External attribute use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.3)
* [Rule 10-15, *External attribute use not an ID* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-15): [Section 10.2.3.3, *External attribute use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.3)
* [Rule 10-16, *External element use has data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-16): [Section 10.2.3.4, *External element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.3.4)
* [Rule 10-17, *Name of code type ends in CodeType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-17): [Section 10.2.4, *Code types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.4)
* [Rule 10-18, *Proxy type has designated structure* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-18): [Section 10.2.5, *Proxy types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.2.5)
* [Rule 10-19, *Association types is derived from association type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-19): [Section 10.3.1, *Association types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.3.1)
* [Rule 10-20, *Association element type is an association type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-20): [Section 10.3.2, *Association element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.3.2)
* [Rule 10-21, *Augmentable type has augmentation point element* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-21): [Section 10.4.1, *Augmentable types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.1)
* [Rule 10-22, *Augmentable type has at most one augmentation point element* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-22): [Section 10.4.1, *Augmentable types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.1)
* [Rule 10-23, *Augmentation point corresponds to augmentable type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-23): [Section 10.4.2, *Augmentation point element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.2)
* [Rule 10-24, *An augmentation point has no type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-24): [Section 10.4.2, *Augmentation point element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.2)
* [Rule 10-25, *An augmentation point has no substitution group* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-25): [Section 10.4.2, *Augmentation point element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.2)
* [Rule 10-26, *Augmentation point element may only be referenced by its type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-26): [Section 10.4.3, *Augmentation point element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.3)
* [Rule 10-27, *Augmentation point reference is optional* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-27): [Section 10.4.3, *Augmentation point element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.3)
* [Rule 10-28, *Augmentation point reference is unbounded* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-28): [Section 10.4.3, *Augmentation point element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.3)
* [Rule 10-29, *Augmentation point reference must be last particle* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-29): [Section 10.4.3, *Augmentation point element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.3)
* [Rule 10-30, *Element within instance of augmentation type modifies base* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-30): [Section 10.4.4, *Augmentation types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.4)
* [Rule 10-31, *Only an augmentation type name ends in AugmentationType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-31): [Section 10.4.4, *Augmentation types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.4)
* [Rule 10-32, *Schema component with name ending in AugmentationType is an augmentation type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-32): [Section 10.4.4, *Augmentation types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.4)
* [Rule 10-33, *Type derived from augmentation type is an augmentation type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-33): [Section 10.4.4, *Augmentation types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.4)
* [Rule 10-34, *Augmentation element type is an augmentation type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-34): [Section 10.4.5, *Augmentation element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.5)
* [Rule 10-35, *Augmentation elements are not used directly* (REF, SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-35): [Section 10.4.5, *Augmentation element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.4.5)
* [Rule 10-36, *Metadata type has data about data* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-36): [Section 10.5.1, *Metadata types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.5.1)
* [Rule 10-37, *Metadata type derived from structures:MetadataType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-37): [Section 10.5.1, *Metadata types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.5.1)
* [Rule 10-38, *Metadata types are derived from metadata types* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-38): [Section 10.5.1, *Metadata types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.5.1)
* [Rule 10-39, *Metadata element declaration type is a metadata type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-39): [Section 10.5.2, *Metadata element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.5.2)
* [Rule 10-40, *Metadata element has applicable elements* (REF, EXT, SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-40): [Section 10.5.2, *Metadata element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.5.2)
* [Rule 10-41, *Name of element that ends in Representation is abstract* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-41): [Section 10.7, *The Representation pattern*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.7)
* [Rule 10-42, *A substitution for a representation element declaration is a value for a type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-42): [Section 10, *Rules for NIEM modeling, by NIEM concept*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10)
* [Rule 10-43, *Schema component name composed of English words* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-43): [Section 10.8, *Naming rules*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8)
* [Rule 10-44, *Schema component names have only specific characters* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-44): [Section 10.8, *Naming rules*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8)
* [Rule 10-45, *Hyphen in component name is a separator* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-45): [Section 10.8, *Naming rules*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8)
* [Rule 10-46, *Names use camel case* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-46): [Section 10.8.1, *Character case*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.1)
* [Rule 10-47, *Attribute name begins with lower case letter* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-47): [Section 10.8.1, *Character case*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.1)
* [Rule 10-48, *Name of schema component other than attribute begins with upper case letter* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-48): [Section 10.8.1, *Character case*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.1)
* [Rule 10-49, *Names use common abbreviations* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-49): [Section 10.8.2, *Use of acronyms and abbreviations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.2)
* [Rule 10-50, *Local term declaration is local to its schema document* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-50): [Section 10.8.2.1, *Use of Acronyms, Initialisms, Abbreviations, and Jargon*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.2.1)
* [Rule 10-51, *Local terminology interpretation* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-51): [Section 10.8.2.1, *Use of Acronyms, Initialisms, Abbreviations, and Jargon*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.2.1)
* [Rule 10-52, *Singular form is preferred in name* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-52): [Section 10.8.3, *Word forms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.3)
* [Rule 10-53, *Present tense is preferred in name* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-53): [Section 10.8.3, *Word forms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.3)
* [Rule 10-54, *Name does not have nonessential words* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-54): [Section 10.8.3, *Word forms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.3)
* [Rule 10-55, *Component name follows pattern* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-55): [Section 10.8, *Naming rules*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8)
* [Rule 10-56, *Object-class term identifies concrete category* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-56): [Section 10.8.4, *Object-class term*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.4)
* [Rule 10-57, *Property term describes characteristic or subpart* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-57): [Section 10.8.5, *Property term*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.5)
* [Rule 10-58, *Name may have multiple qualifier terms* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-58): [Section 10.8.6, *Qualifier terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.6)
* [Rule 10-59, *Name has minimum necessary number of qualifier terms* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-59): [Section 10.8.6, *Qualifier terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.6)
* [Rule 10-60, *Order of qualifies is not significant* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-60): [Section 10.8.6, *Qualifier terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.6)
* [Rule 10-61, *Redundant term in name is omitted* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-61): [Section 10.8.7, *Representation terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.7)
* [Rule 10-62, *Element with simple content has representation term* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-62): [Section 10.8.7, *Representation terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.7)
* [Rule 10-63, *Name has representation term when appropriate* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-63): [Section 10.8.7, *Representation terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.7)
* [Rule 10-64, *Name has representation term only when appropriate* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-64): [Section 10.8.7, *Representation terms*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.8.7)
* [Rule 10-65, *Machine-readable annotations are valid* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-65): [Section 10.9, *Machine-readable annotations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9)
* [Rule 10-66, *Component marked as deprecated is deprecated component* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-66): [Section 10.9.1.1, *Deprecation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1.1)
* [Rule 10-67, *Deprecated annotates schema component* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-67): [Section 10.9.1.1, *Deprecation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1.1)
* [Rule 10-68, *External import indicator annotates import* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-68): [Section 10.9.1, *The NIEM appinfo namespace*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1)
* [Rule 10-69, *External adapter type indicator annotates complex type* (REF)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-69): [Section 10.9.1, *The NIEM appinfo namespace*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1)
* [Rule 10-70, *appinfo:appliesToTypes annotates metadata element* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-70): [Section 10.9.1.2, *appinfo:appliesToTypes annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1.2)
* [Rule 10-71, *appinfo:appliesToTypes references types* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-71): [Section 10.9.1.2, *appinfo:appliesToTypes annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1.2)
* [Rule 10-72, *appinfo:appliesToElements annotates metadata element* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-72): [Section 10.9.1.3, *appinfo:appliesToElements annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1.3)
* [Rule 10-73, *appinfo:appliesToElements references elements* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-73): [Section 10.9.1.3, *appinfo:appliesToElements annotation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.1.3)
* [Rule 10-74, *term:LocalTerm annotates schema* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-74): [Section 10.9.2, *The NIEM local terminology namespace*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.2)
* [Rule 10-75, *term:LocalTerm has literal or definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-75): [Section 10.9.2, *The NIEM local terminology namespace*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.9.2)
* [Rule 10-76, *Use structures as specified* (REF, EXT, INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_10-76): [Section 10.10, *NIEM structural facilities*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_10.10)
* [Rule 11-1, *Name of type ends in Type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-1): [Section 11.1, *Type definition components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1)
* [Rule 11-2, *Name of type other than proxy type is in upper camel case* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-2): [Section 11.1, *Type definition components*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1)
* [Rule 11-3, *Base type definition defined by conformant schema* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-3): [Section 11.1.1, *Type definition hierarchy*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.1)
* [Rule 11-4, *Name of simple type ends in SimpleType* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-4): [Section 11.1.2, *Simple type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2)
* [Rule 11-5, *Name of simple type is upper camel case* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-5): [Section 11.1.2, *Simple type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2)
* [Rule 11-6, *Use lists only when data is uniform* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-6): [Section 11.1.2.1, *Derivation by list*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2.1)
* [Rule 11-7, *List item type defined by conformant schemas* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-7): [Section 11.1.2.1, *Derivation by list*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2.1)
* [Rule 11-8, *Union member types defined by conformant schemas* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-8): [Section 11.1.2.2, *Derivation by union*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2.2)
* [Rule 11-9, *Name of a code simple type has standard suffix* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-9): [Section 11.1.2.3, *Code simple types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2.3)
* [Rule 11-10, *Code simple type has enumerations* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-10): [Section 11.1.2.3, *Code simple types*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.2.3)
* [Rule 11-11, *Complex type with simple content has structures:SimpleObjectAttributeGroup* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-11): [Section 11.1.3, *Complex type definition*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.1.3)
* [Rule 11-12, *Element name is upper camel case* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-12): [Section 11.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.1)
* [Rule 11-13, *Element type does not have a simple type name* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-13): [Section 11.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.1)
* [Rule 11-14, *Element type is from conformant namespace* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-14): [Section 11.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.1)
* [Rule 11-15, *Name of element that ends in Abstract is abstract* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-15): [Section 11.2.1, *Element declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.1)
* [Rule 11-16, *Name of element declaration with simple content has representation term* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-16): [Section 11.2.1.1, *Object element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.1.1)
* [Rule 11-17, *Name of element declaration with simple content has representation term* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-17): [Section 11.2.1.1, *Object element declarations*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.1.1)
* [Rule 11-18, *Element substitution group defined by conformant schema* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-18): [Section 11.2.2, *Element substitution group*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.2)
* [Rule 11-19, *Attribute type defined by conformant schema* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-19): [Section 11.2.3, *Attribute declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.3)
* [Rule 11-20, *Attribute name uses representation term* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-20): [Section 11.2.3, *Attribute declaration*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.2.3)
* [Rule 11-21, *Element or attribute declaration introduced only once into a type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-21): [Section 11.3.2.1, *Element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.3.2.1)
* [Rule 11-22, *Element reference defined by conformant schema* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-22): [Section 11.3.2.1, *Element use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.3.2.1)
* [Rule 11-23, *Referenced attribute defined by conformant schemas* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-23): [Section 11.3.3, *Attribute use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.3.3)
* [Rule 11-24, *Schema uses only known attribute groups* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-24): [Section 11.3.3.1, *Attribute group use*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.3.3.1)
* [Rule 11-25, *Data definition does not introduce ambiguity* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-25): [Section 11.6.1, *Human-readable documentation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1)
* [Rule 11-26, *Object class has only one meaning* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-26): [Section 11.6.1, *Human-readable documentation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1)
* [Rule 11-27, *Data definition of a part does not redefine the whole* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-27): [Section 11.6.1, *Human-readable documentation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1)
* [Rule 11-28, *Do not leak representation into data definition* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-28): [Section 11.6.1, *Human-readable documentation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1)
* [Rule 11-29, *Data definition follows 11179-4 requirements* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-29): [Section 11.6.1, *Human-readable documentation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1)
* [Rule 11-30, *Data definition follows 11179-4 recommendations* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-30): [Section 11.6.1, *Human-readable documentation*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1)
* [Rule 11-31, *Standard opening phrase for element* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-31): [Section 11.6.1.1, *Data definition opening phrases*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1.1)
* [Rule 11-32, *Standard opening phrase for complex type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-32): [Section 11.6.1.1, *Data definition opening phrases*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1.1)
* [Rule 11-33, *Standard opening phrase for simple type* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-33): [Section 11.6.1.1, *Data definition opening phrases*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.6.1.1)
* [Rule 11-34, *Same namespace means same components* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-34): [Section 11.7.1, *xs:schema document element restrictions*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.7.1)
* [Rule 11-35, *Different version means different view* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-35): [Section 11.7.1, *xs:schema document element restrictions*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.7.1)
* [Rule 11-36, *Reference schema imports reference schema* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-36): [Section 11.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.8)
* [Rule 11-37, *Extension schema document imports reference or extension schema* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-37): [Section 11.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.8)
* [Rule 11-38, *Structures imported as conformant* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-38): [Section 11.8.1, *Supporting namespaces are imported as conformant*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.8.1)
* [Rule 11-39, *XML namespace imported as conformant* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-39): [Section 11.8.1, *Supporting namespaces are imported as conformant*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.8.1)
* [Rule 11-40, *Each namespace may have only a single root schema in a schema set* (SET)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-40): [Section 11.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.8)
* [Rule 11-41, *Consistently marked namespace imports* (REF, EXT)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_11-41): [Section 11.8, *Schema assembly*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_11.8)
* [Rule 12-1, *Instance must be schema-valid* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-1): [Section 12, *XML instance document rules*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12)
* [Rule 12-2, *Element with structures:ref does not have content* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-2): [Section 12.2, *Reference elements*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.2)
* [Rule 12-3, *Attribute structures:ref must reference structures:id* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-3): [Section 12.2, *Reference elements*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.2)
* [Rule 12-4, *Linked elements have same validation root* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-4): [Section 12.2, *Reference elements*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.2)
* [Rule 12-5, *Attribute structures:ref references element of correct type* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-5): [Section 12.2, *Reference elements*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.2)
* [Rule 12-6, *Reference and content elements have the same meaning* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-6): [Section 12.2.1, *Reference and content elements have same meaning*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.2.1)
* [Rule 12-7, *Empty content has no meaning* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-7): [Section 12, *XML instance document rules*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12)
* [Rule 12-8, *Metadata applies to referring entity* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-8): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-9, *Referent of structures:relationshipMetadata annotates relationship* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-9): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-10, *Values of structures:metadata refer to values of structures:id* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-10): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-11, *Value of structures:relationshipMetadata refers to value of structures:id* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-11): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-12, *structures:metadata and structures:relationshipMetadata refer to metadata elements* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-12): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-13, *Attribute structures:metadata references metadata element* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-13): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-14, *Attribute structures:relationshipMetadata references metadata element* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-14): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)
* [Rule 12-15, *Metadata is applicable to element* (INS)](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#rule_12-15): [Section 12.3, *Instance metadata*](http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/NIEM-NDR-3.0-2014-07-31.html#section_12.3)