

# Validation report


## Overview

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<b>Date:</b>	03/07/2019 11:46:44 Z	<b>Errors:</b>	1
<b>Result:</b>	FAILURE	<b>Warnings:</b>	0
		<b>Messages:</b>	0

## Details

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 Value is not > 10<sup>10</sup><http://www.w3.org/2001/XMLSchema#integer>

**Test:** Shape [<http://itb.ec.europa.eu/sample/po#minimumItemsForLargeOrderShape>] - Value [3]

**Location:** Focus node [<http://my.sample.po/po#item2>] - Result path [<http://itb.ec.europa.eu/sample/po#quantity>]

## Context

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**Name:** input

@prefix ns0: <<http://www.w3.org/ns/locn#>> .

@prefix ns1: <<http://itb.ec.europa.eu/sample/po#>> .

<<http://my.sample.po/po#home>>

a <<http://www.w3.org/ns/locn#Address>> ;

```
ns0:fullAddress "Rue du Test 123, 1000 - Brussels, Belgium" ;
ns0:thoroughfare "Rue du Test" ;
ns0:locatorDesignator "123" ;
ns0:postCode "1000" ;
ns0:postName "Brussels" ;
ns0:adminUnitL1 "BE" .
```

```
<http://my.sample.po/po#purchaseOrder>
  a <http://itb.ec.europa.eu/sample/po#PurchaseOrder> ;
  ns1:shipTo <http://my.sample.po/po#home> ;
  ns1:hasItem <http://my.sample.po/po#item1> ;
  ns1:hasItem <http://my.sample.po/po#item2> .
```

```
<http://my.sample.po/po#item1>
  a ns1:item ;
  ns1:productName "Mouse" ;
  ns1:quantity 20 ;
  ns1:priceEUR 15.99 .
```

```
<http://my.sample.po/po#item2>
  a ns1:item ;
  ns1:productName "Keyboard" ;
  ns1:quantity 3 ;
  ns1:priceEUR 25.50 .
```

**Name:** shapes

```
<rdf:RDF
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:po="http://itb.ec.europa.eu/sample/po#"
  xmlns:locn="http://www.w3.org/ns/locn#"
  xmlns:sh="http://www.w3.org/ns/shacl#"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#">
  <sh:NodeShape rdf:about="http://itb.ec.europa.eu/sample/po#LargeItemShape">
```

```

<sh:targetClass rdf:resource="http://itb.ec.europa.eu/sample/po#Item"/>
<sh:property>
  <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#minimumItemsForLargeOrderShape">
    <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#quantity"/>
    <sh:minExclusive rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
      >10</sh:minExclusive>
    <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
  </sh:PropertyShape>
</sh:property>
</sh:NodeShape>
<sh:NodeShape rdf:about="http://itb.ec.europa.eu/sample/po#ItemShape">
  <sh:targetClass rdf:resource="http://itb.ec.europa.eu/sample/po#Item"/>
  <sh:property>
    <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#productNameShape">
      <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#productName"/>
      <sh:minCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:minCount>
      <sh:maxCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:maxCount>
      <sh:nodeKind rdf:resource="http://www.w3.org/ns/shacl#Literal"/>
      <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
    </sh:PropertyShape>
  </sh:property>
  <sh:property>
    <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#quantityShape">
      <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#quantity"/>
      <sh:minCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:minCount>
      <sh:maxCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:maxCount>
      <sh:datatype rdf:resource="http://www.w3.org/2001/XMLSchema#integer"/>
      <sh:minExclusive rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >0</sh:minExclusive>
      <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
    </sh:PropertyShape>
  </sh:property>
</sh:NodeShape>

```

```
</sh:PropertyShape>
</sh:property>
<sh:property>
  <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#priceShape">
    <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#priceEUR"/>
    <sh:minCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
      >1</sh:minCount>
    <sh:maxCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
      >1</sh:maxCount>
    <sh:datatype rdf:resource="http://www.w3.org/2001/XMLSchema#decimal"/>
    <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
  </sh:PropertyShape>
</sh:property>
</sh:NodeShape>
<sh:NodeShape rdf:about="http://itb.ec.europa.eu/sample/po#PurchaseOrderShape">
  <sh:targetClass rdf:resource="http://itb.ec.europa.eu/sample/po#PurchaseOrder"/>
  <sh:property>
    <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#shipToShape">
      <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#shipTo"/>
      <sh:minCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:minCount>
      <sh:maxCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:maxCount>
      <sh:class rdf:resource="http://www.w3.org/ns/locn#Address"/>
      <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
    </sh:PropertyShape>
  </sh:property>
  <sh:property>
    <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#billToShape">
      <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#billTo"/>
      <sh:class rdf:resource="http://www.w3.org/ns/locn#Address"/>
      <sh:maxCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
        >1</sh:maxCount>
      <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
    </sh:PropertyShape>
  </sh:property>
</sh:NodeShape>
</sh:NodeShape>
```

```
</sh:PropertyShape>
</sh:property>
<sh:property>
  <sh:PropertyShape rdf:about="http://itb.ec.europa.eu/sample/po#hasItemsShape">
    <sh:path rdf:resource="http://itb.ec.europa.eu/sample/po#hasItem"/>
    <sh:minCount rdf:datatype="http://www.w3.org/2001/XMLSchema#integer"
  >1</sh:minCount>
    <sh:class rdf:resource="http://itb.ec.europa.eu/sample/po#Item"/>
    <sh:severity rdf:resource="http://www.w3.org/ns/shacl#Violation"/>
  </sh:PropertyShape>
</sh:property>
</sh:NodeShape>
</rdf:RDF>
```