



***MINISTERO DELL'ECONOMIA E DELLE FINANZE***  
***DIPARTIMENTO DELLA RAGIONERIA GENERALE DELLO STATO***

**Public Administrations  
purchase orders routing node  
(NSO)**  
Special rules and errors

Roma March 19, 2024

Version 1.3

## INDEX

DOCUMENT STATUS	3
1. INTRODUCTION	4
1.1 DEFINITIONS	5
2. NSO SPECIAL RULES	7
2.1 RULES FOR THE ORDER (ORDER TRANSACTION)	7
2.2 RULES FOR THE ORDER RESPONSE (ORDER RESPONSE TRANSACTION)	13
2.3 RULES FOR THE ORDER AGREEMENT (ORDER AGREEMENT TRANSACTION)	16
3. ERROR MESSAGES	22
3.1 ERROR MESSAGES FOR THE ORDER (ORDER TRANSACTION)	22
3.2 ERROR MESSAGES FOR THE ORDER RESPONSE (ORDER RESPONSE TRANSACTION)	24
3.3 ERROR MESSAGES FOR THE ORDER AGREEMENT (ORDER AGREEMENT TRANSACTION)	25

## DOCUMENT STATUS

Revision	Date	Notes
1.0	December 6, 2019	Replaces and integrates the document “NSO – Lista errori applicativi 1.0”.
1.1	December 17, 2019	Correction of errors.
1.2	February 23, 2023	Additions and new specific rules.
1.3	March 19, 2024	Additions and new specific rules.

List of main changes compared to the previous version
<ul style="list-style-type: none"> <li>Added new specific rules and new error codes.</li> </ul>

## 1. INTRODUCTION

This document is an integration of *Regole tecniche per l'emissione e la trasmissione degli ordini elettronici tramite il Nodo di smistamento degli ordini di acquisto* (Technical Rules), available at the following link, in the "Documenti" section:

[http://www.rgs.mef.gov.it/VERSIONE-l/e\\_government/amministrazioni\\_pubbliche/acquisti\\_pubblici\\_in\\_rete\\_apir/nodo\\_di\\_smistamento\\_degli\\_ordini\\_di\\_acquisto\\_delle\\_amministrazioni\\_pubbliche\\_nso/](http://www.rgs.mef.gov.it/VERSIONE-l/e_government/amministrazioni_pubbliche/acquisti_pubblici_in_rete_apir/nodo_di_smistamento_degli_ordini_di_acquisto_delle_amministrazioni_pubbliche_nso/)

In particular, with reference to Paragraphs 3.3.1.2 and 3.4.5 of the [Technical Rules](#), they are presented here in a systematic way:

- the rules that give rise to blocking errors (fatal), that is to say errors that involve the non-validation of the Message;
- the rules that give rise to non-blocking errors (warning), that is to say errors that involve the validation of the Message and that represent recommendations for the compilation of some fields;
- the relative error messages reported in the Notifications.

## 1.1 DEFINITIONS

For the purposes of this document, the following terms will be used with the meanings given below:

- *NSO (Purchase orders routing node)*, the system for the validation and transmission of electronic documents attesting the Ordination and execution of purchases of goods and services of the public administration, managed by the Ministry of Economy and Finance – Department of Ragioneria Generale dello Stato;
- *IPA Code*, the unique alphanumeric code (CUU) that identifies each organizational unit surveyed on the Public Administrations Index ([IPA](#));
- *CIG (Tender identification code)*, the unique and mandatory alphanumeric code which identifies a specific contract or lot on the National database of public contracts (BDNCP);
- *Message*, a file composed of the Transmission envelope and the Body of the message, which constitutes the Document;
- *Transmission envelope*, the part of the Message that contains the data necessary for correct addressing;
- *Document*, the part of the Message, containing the business data, which constitutes the Body of the message. A Document can alternatively be an Order, an Order Agreement or an Order Response;
- *Order*, the Document with which the Customer communicates the Supplier the goods and / or services that it intends to purchase and the relative instructions. An Order may originate (Initial Order), replace a previous Order (Replacement Order), cancel a previous Order (Revocation Order), be generically linked to another Document (Linked Order), validate an invoice already issued (Validation Order) or be used to confirm, decline or replace a Document received from the Supplier (Feedback Order);
- *Order Agreement*, the Document, equivalent to the Order, but issued by the Supplier in agreement with the Customer. An Order Agreement may originate (Initial Order Agreement), replace a previous Order Agreement (Replacement Order Agreement), cancel a previous Order Agreement (Revocation Order Agreement), be generically linked to another Document (Linked Order Agreement) or validate an invoice already issued (Validation Order Agreement);
- *Order Response*, the Document with which the Supplier accepts, declines or makes changes (Response with modifications) to the Order received from the Customer;
- *Identification triplet*, the combination of data that uniquely identifies each document, composed by the identifier of the issuer, the issue date and the document ID assigned by the issuer (see Technical Rules, Paragraph 2.5.1);
- *Notification of rejection*, the system notification which informs the sender that the message has not passed the validation checks;

- *System notification*, the system notification that informs the sender about the outcome of a particular operation (e.g. Message validation, Message forwarding) or other information (e.g. Message metadata).

For further definitions and details, please refer to the Technical Rules, Paragraph 1.1.

## 2. NSO SPECIAL RULES

In this paragraph the rules that give rise to blocking errors (fatal) or non-blocking errors (warning) are described, i.e. errors that lead to the non-validation of the Message or errors that represent recommendations for the compilation of some fields.

### 2.1 RULES FOR THE ORDER (ORDER TRANSACTION)

With reference to the Order, in addition to the specifications set by the [PEPPOL BIS version 3.0](#) standard, the compilation instructions contained in the Technical Rules must also be complied with.

In particular:

- Customers, being Italian public administrations, are identified with the respective IPA Codes (see Technical Rules, Paragraphs 3.3.2.1, 3.3.2.4 and 3.3.3.1);
- Italian Suppliers are identified with their respective tax codes or VAT numbers, however, if they are public administrations, they can be identified with the IPA Code (see Technical Rules, Paragraph 3.3.3.1);
- if the Order refers to another Document (or to an Invoice), the latter is identified by its Identification triplet and the type of relationship must be indicated (see Technical Rules, Paragraphs 2.3.3, 3.3.2.1, 3.3.2.4);
- if the Order is issued to confirm, revoke or decline another Document, it contains only one order line which, in turn, includes only a limited set of information (see Technical Rules, Paragraphs 3.3.2.1 and 3.3.2.4);
- each Order contains the indication of the Tender Identification Code (CIG) or an exemption code, which must be present, alternatively, at the entire Document level or in each order line (see Technical Rules, Paragraph 3.3.3.2);
- IPA codes, tax codes and VAT numbers, wherever they are used within the Document must be valid (see Technical Rules, various Paragraphs);
- the identifier of the subject to whom the Invoice is registered, if referring to an Italian subject is an IPA Code, a tax code or a VAT number (see Technical Rules, Paragraph 3.3.3.11).

It follows that, for the purposes of validation of Messages by NSO, in addition to the Rules of the PEPPOL standard, it is also necessary to respect the special rules reported in the following table, which involve blocking errors and therefore the non-validation of the Message.

Rule code	Description	Ref. error codes
IT-NSO-T1-R010	The element <b>cac:BuyerCustomerParty/cac:Party/cbc:EndpointID</b> must be filled in with a valid IPA Code.	NSO_010
IT-NSO-T1-R011	In the element <b>cac:BuyerCustomerParty/cac:Party/cbc:EndpointID</b> the <b>schemeID</b> attribute must be "0201".	NSO_011
IT-NSO-T1-R020	The element <b>cac:SellerSupplierParty/cac:Party/cbc:EndpointID</b> must be filled in with a valid PEPPOL identifier. In particular: <ul style="list-style-type: none"> <li>if the <i>schemeID</i> attribute is "0211", it must be filled in with a valid Italian VAT number (the Italian VAT number is preceded by the prefix "IT");</li> <li>if the <i>schemeID</i> attribute is "0210", it must be filled in with a valid Italian tax code;</li> <li>if the <i>schemeID</i> attribute is "0201", it must be filled in with a valid IPA Code.</li> </ul>	NSO_010 NSO_020 NSO_030
IT-NSO-T1-R030	If the element <b>cac:OrderDocumentReference/cbc:ID</b> is present, it indicates the reference to another Document (Order, Order Agreement or Order Response) or an Invoice, and it must have the following format: $\langle Id \rangle \# \langle Date \rangle \# \langle EndpointID \rangle \# \langle ReferenceType \rangle$ where: <ul style="list-style-type: none"> <li><i>Id</i> is the identifier of the Order, the Order Agreement, the Order Response or the Invoice to which this Order refers;</li> <li><i>Date</i> is the date of the Order, the Order Agreement, the Order Response or the Invoice to which this Order refers;</li> <li><i>EndpointID</i> is the identifier of the subject that issued the Order, the Order Agreement, the Order Response or the Invoice to which this Order refers;</li> <li><i>ReferenceType</i> indicates the type of relationship between this Order and the Order, the Order Agreement, the Order Response or the Invoice to which it refers.</li> </ul> Example: <pre> &lt;cac:OrderDocumentReference&gt;   &lt;cbc:ID&gt;110#2018-01-30#IT01043931003#Revised&lt;/cbc:ID&gt; &lt;/cac:OrderDocumentReference&gt; </pre>	NSO_040 NSO_045
IT-NSO-T1-R031	In the element <b>cac:OrderDocumentReference/cbc:ID</b> the <i>Id</i> must consist of at least one character.	NSO_041



Rule code	Description	Ref. error codes
IT-NSO-T1-R032	In the element <b>cac:OrderDocumentReference/cbc:ID</b> the date must be in the format YYYY-MM-DD.	NSO_042
IT-NSO-T1-R033	In the element <b>cac:OrderDocumentReference/cbc:ID</b> the EndpointID must be a valid identifier. If it is the identifier of a public administration or of a public service provider, it must be an IPA Code. If it is an Italian tax identification number it must be a valid tax code or VAT number (the Italian VAT number is preceded by the prefix "IT").	NSO_043
IT-NSO-T1-R034	In the element <b>cac:OrderDocumentReference/cbc:ID</b> the value of the ReferenceType must be one of the following: <ul style="list-style-type: none"> <li>• "Connected", to indicate that this Order is generically linked to another Order, Order Agreement or Order Response;</li> <li>• "Accepted", to indicate that this Order confirms an Order Agreement or an Order Response;</li> <li>• "Cancelled", to indicate that this Order revokes another Order or declines an Order Agreement or an Order Response;</li> <li>• "Revised", to indicate that this Order revokes and replaces another Order or declines and replaces an Order Agreement or an Order Response;</li> <li>• "Invoice", to indicate that this Order refers to an Invoice.</li> </ul>	NSO_044
IT-NSO-T1-R040	If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Accepted" or "Cancelled", the element <b>cac:OrderLine</b> must be present only once (i.e., the Document must have only one order line).	NSO_050
IT-NSO-T1-R050	If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Accepted" or "Cancelled", the element <b>cac:OrderLine/cac:LineItem</b> must include only the following elements: <ul style="list-style-type: none"> <li>• <i>cbc:ID</i>;</li> <li>• <i>cbc:Quantity</i>;</li> <li>• <i>cac:Item/cbc:Name</i>.</li> </ul> Example: <pre> &lt;cac:OrderLine&gt;   &lt;cac:LineItem&gt;     &lt;cbc:ID&gt;NA&lt;/cbc:ID&gt;     &lt;cbc:Quantity unitCode="C62"&gt;0&lt;/cbc:Quantity&gt;     &lt;cac:Item&gt;       &lt;cbc:Name&gt;NA&lt;/cbc:Name&gt;     &lt;/cac:Item&gt;   &lt;/cac:LineItem&gt; &lt;/cac:OrderLine&gt; </pre>	NSO_051 NSO_052

Rule code	Description	Ref. error codes
IT-NSO-T1-R060	If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Accepted" or "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cbc:ID</b> must be filled in with "NA".	NSO_053
IT-NSO-T1-R070	If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Accepted" or "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cbc:Quantity</b> must be filled in with "0".	NSO_054
IT-NSO-T1-R090	If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Accepted" or "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cbc:Name</b> must be filled in with "NA".	NSO_056
IT-NSO-T1-R110	If the element <b>cac:OriginatorDocumentReference/cbc:ID</b> is present, it must be filled in with a valid CIG or with one of the exemption codes. The value of the CIG can be preceded by the word "CIG: ".	NSO_060
IT-NSO-T1-R111	If the element <i>cac:OrderLine/cac:LineItem/cac:Item/</i> <i>cac:ItemSpecificationDocumentReference/cbc:ID</i> is absent in the order lines, the element <b>cac:OriginatorDocumentReference/cbc:ID</b> must be present.	NSO_061
IT-NSO-T1-R112	If, in the order lines, in none of the elements <i>cac:OrderLine/cac:LineItem/cac:Item/</i> <i>cac:ItemSpecificationDocumentReference/cbc:ID</i> a CIG or an exemption code is indicated, the element <b>cac:OriginatorDocumentReference/cbc:ID</b> must be present.	NSO_061
IT-NSO-T1-R113	If in one or more of the elements <i>cac:OrderLine/cac:LineItem/cac:Item/cac:ItemSpecification</i> <i>DocumentReference/cbc:ID</i> a CIG or an exemption code is indicated, the element <b>cac:OriginatorDocumentReference/cbc:ID</b> must not be present.	NSO_061

Rule code	Description	Ref. error codes
IT-NSO-T1-R120	If the element <i>cac:OriginatorDocumentReference/cbc:ID</i> is absent, the element <b>cac:OrderLine/cac:LineItem/cac:Item/ cac:ItemSpecificationDocumentReference/cbc:ID</b> , must be included in each order line, filled in with a valid CIG or an exception code. The value of the CIG can be preceded by the word "CIG:".	NSO_060 NSO_061 NSO_062
IT-NSO-T1-R121	If the element <i>cac:OriginatorDocumentReference/cbc:ID</i> is present, in all order lines there must not be any element <b>cac:OrderLine/cac:LineItem/cac:Item/ cac:ItemSpecificationDocumentReference/cbc:ID</b> , filled in with a valid CIG or an exception code. The value of the CIG can be preceded by the word "CIG:".	NSO_060 NSO_061
IT-NSO-T1-R130	If the element <b>cac:BuyerCustomerParty/ cac:Party/cac:PartyTaxScheme/cbc:CompanyID</b> is present, it must be filled in with a valid VAT number (the VAT number is preceded by the prefix of the State which has issued it, for Italy is "IT").	NSO_030
IT-NSO-T1-R140	If the element <b>cac:AccountingCustomerParty/cac:Party/cbc:EndpointID</b> is present, it must be filled in with a valid PEPPOL identifier. In particular: <ul style="list-style-type: none"> <li>• if the <i>schemeID</i> attribute is "0211", it must be filled in with a valid Italian VAT number (the Italian VAT number is preceded by the prefix "IT");</li> <li>• if the <i>schemeID</i> attribute is "0210", it must be filled in with a valid Italian tax code;</li> <li>• if the <i>schemeID</i> attribute is "0201", it must be filled in with a valid IPA Code.</li> </ul>	NSO_010 NSO_020 NSO_030
IT-NSO-T1-R150	If the element <b>cac:AccountingCustomerParty/ cac:Party/cac:PartyTaxScheme/cbc:CompanyID</b> is present, it must be filled in with a valid Italian VAT number (the Italian VAT number is preceded by the prefix "IT").	NSO_030
IT-NSO-T1-R160	If the element <b>cac:AllowanceCharge/cac:TaxCategory/cbc:ID</b> is present, it must be part of the code list "Duty or tax or fee category code (UNCL5305)".	NSO_070
IT-NSO-T1-R161	If the element <b>cac:OrderLine/cac:LineItem/cac:Item/cac:ClassifiedTaxCategory/cbc:ID</b> is present, it must be part of the code list "Duty or tax or fee category code (UNCL5305)".	NSO_071

The special rules reported in the following table involve Message validation and represent recommendations for the compilation of some fields.

Rule code	Description	Ref. error codes
IT-NSO-T1-R510	If the value of the element <b>cac:Delivery/cac:DeliveryLocation/cbc:ID</b> is "Consegna domiciliare", recommend that the current data protection regulations must be observed.	NSO_063
IT-NSO-T1-R511	If the element <b>cac:OrderLine/cac:LineItem/cbc:ID</b> is filled in with an identifier of length greater than 6, recommend the use of a shorter identifier.	NSO_064
IT-NSO-T1-R512	If the Seller is a predetermined Italian entity, at least one of the "Seller legal registration identifier" element ( <b>cac:PartyLegalEntity/cbc:CompanyID</b> ) or the "Seller party identification" element ( <b>cac:PartyIdentification/cbc:ID</b> ) must be specified.	NSO_065
IT-NSO-T1-R513	If the Buyer is an Italian entity, at least one of the "Buyers legal registration identifier" element ( <b>cac:PartyLegalEntity/cbc:CompanyID</b> ) or the "Buyer TAX identifier" element ( <b>cac: PartyTaxScheme/cbc:CompanyID</b> ) must be specified.	NSO_066
IT-NSO-T1-R514	If the Invoicee is an Italian entity, at least one of the "Company identifier" element ( <b>cac:PartyLegalEntity/cbc:CompanyID</b> ) or the "Invoicee TAX identifier" element ( <b>cac:PartyTaxScheme/cbc:CompanyID</b> ) must be specified.	NSO_067

## 2.2 RULES FOR THE ORDER RESPONSE (ORDER RESPONSE TRANSACTION)

With reference to the Order Response, in addition to the specifications set by the PEPPOL BIS version 3.0 standard, the compilation instructions contained in the Technical Rules must also be complied with.

In particular:

- Customers, being Italian public administrations, are identified with the respective IPA Codes (see Technical Rules, Paragraph 3.3.3.1);
- Italian Suppliers are identified with their respective tax codes or VAT numbers, however, if they are public administrations, they can be identified with the IPA Code (see Technical Rules, Paragraphs 3.3.2.3 and 3.3.3.1);
- the Order to which the Order Response refers is identified by its Identification triplet (see Technical Rules, Paragraphs 2.3.5 and 3.3.2.3);
- IPA codes, tax codes and VAT numbers, wherever they are used within the Document must be valid (see Technical Rules, various Paragraphs);

It follows that, for the purposes of validation of Messages by NSO, in addition to the Rules of the PEPPOL standard, it is also necessary to respect the special rules reported in the following table, which involve blocking errors and therefore the non-validation of the Message.

Rule code	Description	Ref. error codes
IT-NSO-T76-R010	The element <b>cac:BuyerCustomerParty/cac:Party/cbc:EndpointID</b> must be filled in with a valid IPA Code.	NSO_110
IT-NSO-T76-R011	In the element <b>cac:BuyerCustomerParty/cac:Party/cbc:EndpointID</b> the <b>schemeID</b> attribute must be "0201".	NSO_111

Rule code	Description	Ref. error codes
IT-NSO-T76-R020	<p>The element <b>cac:SellerSupplierParty/cac:Party/cbc:EndpointID</b> must be filled in with a valid PEPPOL identifier.</p> <p>In particular:</p> <ul style="list-style-type: none"> <li>if the <i>schemeID</i> attribute is "0211", it must be filled in with a valid Italian VAT number (the Italian VAT number is preceded by the prefix "IT");</li> <li>if the <i>schemeID</i> attribute is "0210", it must be filled in with a valid Italian tax code;</li> <li>if the <i>schemeID</i> attribute is "0201", it must be filled in with a valid IPA Code.</li> </ul>	NSO_110 NSO_120 NSO_130
IT-NSO-T76-R030	<p>The element <b>cac:OrderReference/cbc:ID</b>, which indicates the reference to the Order to which the Order Response replies, it must have the following format:</p> <p style="text-align: center;"><i>&lt;Id&gt;#&lt;Date&gt;#&lt;EndpointID&gt;</i></p> <p>where:</p> <ul style="list-style-type: none"> <li><i>Id</i> is the identifier of the Order to which this Order Response refers;</li> <li><i>Date</i> is the date of the Order to which this Order Response refers;</li> <li><i>EndpointID</i> is the identifier of the subject that issued the Order to which this Order Response refers.</li> </ul> <p>Example:</p> <pre>&lt;cac:OrderReference&gt;   &lt;cbc:ID&gt;110#2018-01-30#QLHCFC&lt;/cbc:ID&gt; &lt;/cac:OrderDocumentReference&gt;</pre>	NSO_140 NSO_145
IT-NSO-T76-R031	In the element <b>cac:OrderReference/cbc:ID</b> the Id must consist of at least one character.	NSO_141
IT-NSO-T76-R032	In the element <b>cac:OrderReference/cbc:ID</b> the date must be in the format YYYY-MM-DD.	NSO_142
IT-NSO-T76-R033	In the element <b>cac:OrderReference/cbc:ID</b> the EndpointID must be a valid PEPPOL identifier. Since the Order Response always refers to an Order issued by an Italian public administration, the EndpointID is necessarily an IPA Code.	NSO_143
IT-NSO-T76-R040	If the value of the element <i>cac:OrderResponseCode</i> is "AB", "RE" or "AP", the element <b>cac:OrderLine</b> must not be present (that is, the Document must not have order lines).	NSO_150

Rule code	Description	Ref. error codes
IT-NSO-T76-R050	If the element <b>cac:OrderLine/cac:SellerSubstitutedLineItem/cac:Item/cac:ClassifiedTaxCategory/cbc:ID</b> is present, it must be part of the code list "Duty or tax or fee category code (UNCL5305)".	NSO_170

The special rules reported in the following table involve Message validation and represent recommendations for the compilation of some fields.

Rule code	Description	Ref. error codes
IT-NSO-T76-R511	If the element <b>cac:OrderLine/cac:LineItem/cbc:ID</b> is filled in with an identifier of length greater than 6, recommend the use of a shorter identifier.	NSO_164

## 2.3 RULES FOR THE ORDER AGREEMENT (ORDER AGREEMENT TRANSACTION)

With reference to the Order Agreement, in addition to the specifications set by the PEPPOL BIS version 3.0 standard, the compilation instructions contained in the Technical Rules must also be complied with.

In particular:

- Customers, being Italian public administrations, are identified with the respective IPA Codes (see Technical Rules, Paragraph 3.3.3.1);
- Italian Suppliers are identified with their respective tax codes or VAT numbers, however, if they are public administrations, they can be identified with the IPA Code (see Technical Rules, Paragraphs 3.3.2.2 and 3.3.3.1);
- if the Order Agreement refers to another Document (or to an Invoice), the latter is identified by its Identification triplet and the type of relationship must be indicated (see Technical Rules, Paragraphs 2.3.4 and 3.3.2.2);
- if the Order Agreement is issued to revoke another Order Agreement, it contains only one order line which, in turn, includes only a limited set of information (see Technical Rules, Paragraph 3.3.2.2);
- each Order Agreement contains the indication of the Tender Identification Code (CIG) or an exemption code, which must be present, alternatively, at the entire Document level or in each order line (see Technical Rules, Paragraph 3.3.3.2);
- IPA codes, tax codes and VAT numbers, wherever they are used within the Document must be valid (see Technical Rules, various Paragraphs);

It follows that, for the purposes of validation of Messages by NSO, in addition to the Rules of the PEPPOL standard, it is also necessary to respect the special rules reported in the following table, which involve blocking errors and therefore the non-validation of the Message.



Rule code	Description	Ref. error codes
IT-NSO-T110-R010	The element <b>cac:BuyerCustomerParty/cac:Party/cbc:EndpointID</b> must be filled in with a valid IPA Code.	NSO_210
IT-NSO-T110-R011	In the element <b>cac:BuyerCustomerParty/cac:Party/cbc:EndpointID</b> the <b>schemeID</b> attribute must be "0201".	NSO_211
IT-NSO-T110-R020	The element <b>cac:SellerSupplierParty/cac:Party/cbc:EndpointID</b> must be filled in with a valid PEPPOL identifier. In particular: <ul style="list-style-type: none"> <li>if the <i>schemeID</i> attribute is "0211", it must be filled in with a valid Italian VAT number (the Italian VAT number is preceded by the prefix "IT");</li> <li>if the <i>schemeID</i> attribute is "0210", it must be filled in with a valid Italian tax code;</li> <li>if the <i>schemeID</i> attribute is "0201", it must be filled in with a valid IPA Code.</li> </ul>	NSO_210 NSO_220 NSO_230
IT-NSO-T110-R030	If the element <b>cac:OrderReference/cbc:ID</b> is present, it indicates the reference to another Document (Order, Order Agreement or Order Response) or an Invoice, and it must have the following format: $<Id>\#<Date>\#<EndpointID>\#<ReferenceType>$ where: <ul style="list-style-type: none"> <li><i>Id</i> is the identifier of the Order, the Order Agreement, the Order Response or the Invoice to which this Order Agreement refers;</li> <li><i>Date</i> is the date of the Order, the Order Agreement, the Order Response or the Invoice to which this Order Agreement refers;</li> <li><i>EndpointID</i> is the identifier of the subject that issued the Order, the Order Agreement, the Order Response or the Invoice to which this Order Agreement refers;</li> <li><i>ReferenceType</i> indicates the type of relationship between this Order Agreement and the Order, the Order Agreement, the Order Response or the Invoice to which it refers.</li> </ul> Example: <pre>&lt;cac:OrderReference&gt;   &lt;cbc:ID&gt;110#2018-01-30# IT01043931003#Revised&lt;/cbc:ID&gt; &lt;/cac:OrderDocumentReference&gt;</pre>	NSO_240 NSO_245
IT-NSO-T110-R031	In the element <b>cac:OrderReference/cbc:ID</b> the <i>Id</i> must consist of at least one character.	NSO_241

Rule code	Description	Ref. error codes
IT-NSO-T110-R032	In the element <b>cac:OrderReference/cbc:ID</b> the date must be in the format YYYY-MM-DD.	NSO_242
IT-NSO-T110-R033	In the element <b>cac:OrderReference/cbc:ID</b> the EndpointID must be a valid identifier. If it is the identifier of a public administration or of a public service provider, it must be an IPA Code. If it is an Italian tax identification number it must be a valid tax code or VAT number (the Italian VAT number is preceded by the prefix "IT").	NSO_243
IT-NSO-T110-R034	In the element <b>cac:OrderReference/cbc:ID</b> the value of the ReferenceType must be one of the following: <ul style="list-style-type: none"> <li>• "Connected", to indicate that this Order Agreement is generically linked to another Order, Order Agreement or Order Response;</li> <li>• "Cancelled", to indicate that this Order Agreement revokes another Order Agreement;</li> <li>• "Revised", to indicate that this Order Agreement revokes and replaces another Order Agreement;</li> <li>• "Invoice", to indicate that this Order Agreement refers to an Invoice.</li> </ul>	NSO_244
IT-NSO-T110-R040	If in the element <b>cac:OrderReference/cbc:ID</b> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine</b> must be present only once (i.e., the Document must have only one order line).	NSO_250

Rule code	Description	Ref. error codes
IT-NSO-T110-R050	<p>If in the element <i>cac:OrderReference/cbc:ID</i> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine/cac:LineItem</b> must include only the following elements:</p> <ul style="list-style-type: none"> <li>• <i>cbc:ID</i>;</li> <li>• <i>cbc:Quantity</i>;</li> <li>• <i>cac:Price/cbc:PriceAmount</i></li> <li>• <i>cac:Item/cbc:Name</i>;</li> <li>• <i>cac:Item/cbc:SellersItemIdentification/ID</i>.</li> </ul> <p>Example:</p> <pre> &lt;cac:OrderLine&gt;   &lt;cac:LineItem&gt;     &lt;cbc:ID&gt;NA&lt;/cbc:ID&gt;     &lt;cbc:Quantity unitCode="C62"&gt;0&lt;/cbc:Quantity&gt;     &lt;cac:Price&gt;       &lt;cbc:PriceAmount currencyID="EUR"&gt;0.00     &lt;/cbc:PriceAmount&gt;     &lt;/cac:Price&gt;     &lt;cac:Item&gt;       &lt;cbc:Name&gt;NA&lt;/cbc:Name&gt;       &lt;cac:SellersItemIdentification&gt;         &lt;cbc:ID&gt;NA&lt;/cbc:ID&gt;       &lt;/cac:SellersItemIdentification&gt;     &lt;/cac:Item&gt;   &lt;/cac:LineItem&gt; &lt;/cac:OrderLine&gt; </pre>	NSO_252
IT-NSO-T110-R060	<p>If in the element <i>cac:OrderReference/cbc:ID</i> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cbc:ID</b> must be filled in with "NA".</p>	NSO_253
IT-NSO-T110-R070	<p>If in the element <i>cac:OrderReference/cbc:ID</i> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cbc:Quantity</b> must be filled in with "0".</p>	NSO_254
IT-NSO-T110-R080	<p>If in the element <i>cac:OrderReference/cbc:ID</i> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cac:Price/cbc:PriceAmount</b> must be filled in with "0.00".</p>	NSO_257
IT-NSO-T110-R090	<p>If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cac:Item/cbc:Name</b> must be filled in with "NA".</p>	NSO_256

Rule code	Description	Ref. error codes
IT-NSO-T110-R100	If in the element <i>cac:OrderDocumentReference/cbc:ID</i> the value of the ReferenceType is "Cancelled", the element <b>cac:OrderLine/cac:LineItem/cac:Item/cac:SellersItemIdentification/cbc:ID</b> must be filled in with "NA".	NSO_259
IT-NSO-T110-R110	If the element <b>cac:OriginatorDocumentReference/cbc:ID</b> is present, it must be filled in with a valid CIG or with one of the exemption codes. The value of the CIG can be preceded by the word "CIG: ".	NSO_260
IT-NSO-T110-R111	If the element <i>cac:OrderLine/cac:LineItem/cac:Item/cac:ItemSpecificationDocumentReference/cbc:ID</i> is absent in the order lines, the element <b>cac:OriginatorDocumentReference/cbc:ID</b> must be present.	NSO_261
IT-NSO-T110-R112	If, in the order lines, in none of the elements <i>cac:OrderLine/cac:LineItem/cac:Item/cac:ItemSpecificationDocumentReference/cbc:ID</i> a CIG or an exemption code is indicated, the element <b>cac:OriginatorDocumentReference/cbc:ID</b> must be present.	NSO_261
IT-NSO-T110-R113	If in one or more of the elements <i>cac:OrderLine/cac:LineItem/cac:Item/cac:ItemSpecificationDocumentReference/cbc:ID</i> a CIG or an exemption code is indicated, the element <b>cac:OriginatorDocumentReference/cbc:ID</b> must not be present.	NSO_261
IT-NSO-T110-R120	If the element <i>cac:OriginatorDocumentReference/cbc:ID</i> is absent, the element <b>cac:OrderLine/cac:LineItem/cac:Item/cac:ItemSpecificationDocumentReference/cbc:ID</b> , must be included in each order line, filled in with a valid CIG or an exception code. The value of the CIG can be preceded by the word "CIG: ".	NSO_260 NSO_261 NSO_262
IT-NSO-T110-R121	If the element <i>cac:OriginatorDocumentReference/cbc:ID</i> is present, in all order lines there must not be any element <b>cac:OrderLine/cac:LineItem/cac:Item/cac:ItemSpecificationDocumentReference/cbc:ID</b> , filled in with a valid CIG or an exception code. The value of the CIG can be preceded by the word "CIG: ".	NSO_260 NSO_261
IT-NSO-T110-R160	If the element <b>cac:AllowanceCharge/cac:TaxCategory/cbc:ID</b> is present, it must be part of the code list "Duty or tax or fee category code (UNCL5305)".	NSO_270

Rule code	Description	Ref. error codes
IT-NSO-T110-R161	If the element <b>cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:ID</b> is present, it must be part of the code list "Duty or tax or fee category code (UNCL5305)".	NSO_271
IT-NSO-T110-R162	If the element <b>cac:OrderLine/cac:LineItem/cac:Item/cac:ClassifiedTaxCategory/cbc:ID</b> is present, it must be part of the code list "Duty or tax or fee category code (UNCL5305)".	NSO_272

The special rules reported in the following table involve Message validation and represent recommendations for the compilation of some fields.

Rule code	Description	Ref. error codes
IT-NSO-T110-R510	If the value of the element <b>cac:DeliveryTerms/cac:DeliveryLocation/cbc:ID</b> is "Consegna domiciliare", recommend that the current data protection regulations must be observed.	NSO_263
IT-NSO-T110-R511	If the element <b>cac:OrderLine/cac:LineItem/cbc:ID</b> is filled in with an identifier of length greater than 6, recommend the use of a shorter identifier.	NSO_264

### 3. ERROR MESSAGES

This paragraph lists and describes the error messages reported in the Notifications of rejection referring to the NSO special rules as in Paragraph 2.

#### 3.1 ERROR MESSAGES FOR THE ORDER (ORDER TRANSACTION)

The following table describes the error messages referring to the special rules for the Order (see Paragraph 2.1).

Rule code	Description	Ref. error codes
NSO_010	The IPA Code specified in the element is invalid.	IT-NSO-T1-R010 IT-NSO-T1-R020 IT-NSO-T1-R140
NSO_011	The value of schemeID attribute of the element is incorrect (the correct value is "0201").	IT-NSO-T1-R011
NSO_020	The Tax Code specified in the element is invalid.	IT-NSO-T1-R020 IT-NSO-T1-R140
NSO_030	The VAT number specified in the element is invalid.	IT-NSO-T1-R020 IT-NSO-T1-R130 IT-NSO-T1-R140 IT-NSO-T1-R150
NSO_040	The format of the element "cac:OrderDocumentReference/cbc:ID" is invalid (correct format example: "110#2018-01-30#QLHCFC#Revised").	IT-NSO-T1-R030
NSO_041	The ID in the element is not set.	IT-NSO-T1-R031
NSO_042	The format of the date in the element is incorrect (correct format example: "2020-01-31").	IT-NSO-T1-R032
NSO_043	The EndpointID specified in the element is not a valid value (correct values examples: "QLHCFC", "IT01043931003").	IT-NSO-T1-R033
NSO_044	In the element "cac:OrderDocumentReference/cbc:ID" the ReferenceType is invalid (the allowed values are: "Connected", "Accepted", "Cancelled", "Revised", "Invoice").	IT-NSO-T1-R034
NSO_045	The Document contains more than one "cac:OrderDocumentReference" element.	IT-NSO-T1-R030
NSO_050	The Document contains more than one "cac:OrderLine" element.	IT-NSO-T1-R040
NSO_051	The order line contains not allowed elements (the only element allowed is "LinItem").	IT-NSO-T1-R050

Rule code	Description	Ref. error codes
NSO_052	The order line contains elements that are not allowed within "LineItem" (the allowed elements are: "ID", "Quantity", "Name").	IT-NSO-T1-R050
NSO_053	The value specified in the element is not allowed (the correct value is "NA").	IT-NSO-T1-R060
NSO_054	The value specified in the element is not allowed (the correct value is "0").	IT-NSO-T1-R070
NSO_056	The value specified in the element is not allowed (the correct value is "NA").	IT-NSO-T1-R090
NSO_060	The Tender Identification Code (CIG or Smart CIG) or the Exemption Code specified in the element is invalid.	IT-NSO-T1-R110 IT-NSO-T1-R120 IT-NSO-T1-R121
NSO_061	The Tender Identification Code (CIG) or the Exemption Code is not present as far as the entire document level or in all order lines, or is present in both levels simultaneously.	IT-NSO-T1-R111 IT-NSO-T1-R112 IT-NSO-T1-R113 IT-NSO-T1-R120 IT-NSO-T1-R121
NSO_062	One or more order lines contain more than one Tender Identification Code (CIG) or Exemption Code.	IT-NSO-T1-R120
NSO_063	This warning does not invalidate the order: if the element "Delivery" contains personal data, the current data protection regulations must be observed.	IT-NSO-T1-R510
NSO_064	The element "ID" should have a maximum length of 6 characters.	IT-NSO-T1-R511
NSO_065	At least one of the "Seller legal registration identifier" element ( <b>cac:PartyLegalEntity/cbc:CompanyID</b> ) or the "Seller party identification" element ( <b>cac:PartyIdentification/cbc:ID</b> ) must be specified.	IT-NSO-T1-R512
NSO_066	At least one of the "Buyers legal registration identifier" element ( <b>cac:PartyLegalEntity/cbc:CompanyID</b> ) or the "Buyer TAX identifier" element ( <b>cac:PartyTaxScheme/cbc:CompanyID</b> ) must be specified.	IT-NSO-T1-R513
NSO_067	At least one of the "Company identifier" element ( <b>cac:PartyLegalEntity/cbc:CompanyID</b> ) or the "Invoicee TAX identifier" element ( <b>cac:PartyTaxScheme/cbc:CompanyID</b> ) must be specified.	IT-NSO-T1-R514
NSO_070	The value MUST be part of the code list 'Duty or tax or fee category code (UNCL5305)'.	IT-NSO-T1-R160
NSO_071	The value MUST be part of the code list 'Duty or tax or fee category code (UNCL5305)'.	IT-NSO-T1-R161

### 3.2 ERROR MESSAGES FOR THE ORDER RESPONSE (ORDER RESPONSE TRANSACTION)

The following table describes the error messages referring to the special rules for the Order Response (see Paragraph 2.2).

Rule code	Description	Ref. error codes
NSO_110	The IPA Code specified in the element is invalid.	IT-NSO-T76-R010 IT-NSO-T76-R020
NSO_111	The value of schemeID attribute of the element is incorrect (the correct value is "0201").	IT-NSO-T76-R011
NSO_120	The Tax Code specified in the element is invalid.	IT-NSO-T76-R020
NSO_130	The VAT number specified in the element is invalid.	IT-NSO-T76-R020
NSO_140	The format of the element "cac:OrderReference/cbc:ID" is invalid (correct format example: "110#2018-01-30#QLHCFC").	IT-NSO-T76-R030
NSO_141	The ID in the element is not set.	IT-NSO-T76-R031
NSO_142	The format of the date in the element is incorrect (correct format example: "2020-01-31").	IT-NSO-T76-R032
NSO_143	The EndpointID specified in the element is not a valid value (correct value example: "QLHCFC").	IT-NSO-T76-R033
NSO_145	The Document contains more than one "cac:OrderReference" element.	IT-NSO-T76-R030
NSO_150	The Document must contain one or more "cac:OrderLine" elements only in Order response with change.	IT-NSO-T76-R040
NSO_164	The element "ID" should have a maximum length of 6 characters.	IT-NSO-T76-R511
NSO_170	The value MUST be part of the code list 'Duty or tax or fee category code (UNCL5305)'.	IT-NSO-T76-R050



### 3.3 ERROR MESSAGES FOR THE ORDER AGREEMENT (ORDER AGREEMENT TRANSACTION)

The following table describes the error messages referring to the special rules for the Order Agreement (see Paragraph 2.3).

Rule code	Description	Ref. error codes
NSO_210	The IPA Code specified in the element is invalid.	IT-NSO-T110-R010 IT-NSO-T110-R020
NSO_211	The value of schemeID attribute of the element is incorrect (the correct value is "0201").	IT-NSO-T110-R011
NSO_220	The Tax Code specified in the element is invalid.	IT-NSO-T110-R020
NSO_230	The VAT number specified in the element is invalid.	IT-NSO-T110-R020
NSO_240	The format of the element "cac:OrderReference/cbc:ID" is invalid (correct format example: "110#2018-01-30#IT01043931003#Revised").	IT-NSO-T110-R030
NSO_241	The ID in the element is not set.	IT-NSO-T110-R031
NSO_242	The format of the date in the element is incorrect (correct format example: "2020-01-31").	IT-NSO-T110-R032
NSO_243	The EndpointID specified in the element is not a valid value (correct values examples: "IT01043931003", "QLHCFC").	IT-NSO-T110-R033
NSO_244	In the element "cac:OrderReference/cbc:ID" the ReferenceType is invalid (the allowed values are: "Connected", "Cancelled", "Revised", "Invoice").	IT-NSO-T110-R034
NSO_245	The Document contains more than one "cac:OrderReference" element.	IT-NSO-T110-R030
NSO_250	The Document contains more than one "cac:OrderLine" element.	IT-NSO-T110-R040
NSO_252	The order line contains elements that are not allowed within "LineItem" (the allowed elements are: "ID", "Quantity", "Price", "Name").	IT-NSO-T110-R050
NSO_253	The value specified in the element is not allowed (the correct value is "NA").	IT-NSO-T110-R060
NSO_254	The value specified in the element is not allowed (the correct value is "0").	IT-NSO-T110-R070
NSO_256	The value specified in the element is not allowed (the correct value is "NA").	IT-NSO-T110-R090
NSO_257	The value specified in the element is not allowed (the correct value is "0.00").	IT-NSO-T110-R080
NSO_259	The value specified in the element is not allowed (the correct value is "NA").	IT-NSO-T110-R100

Rule code	Description	Ref. error codes
NSO_260	The Tender Identification Code (CIG or Smart CIG) or the Exemption Code specified in the element is invalid.	IT-NSO-T110-R110 IT-NSO-T110-R120 IT-NSO-T110-R121
NSO_261	The Tender Identification Code (CIG) or the Exemption Code is not present as far as the entire document level or in all order lines, or is present in both levels simultaneously.	IT-NSO-T110-R111 IT-NSO-T110-R112 IT-NSO-T110-R113 IT-NSO-T110-R120 IT-NSO-T110-R121
NSO_262	One or more order lines contain more than one Tender Identification Code (CIG) or Exemption Code.	IT-NSO-T110-R120
NSO_263	This warning does not invalidate the order: if the element "Delivery" contains personal data, the current data protection regulations must be observed.	IT-NSO-T110-R510
NSO_264	The element "ID" should have a maximum length of 6 characters.	IT-NSO-T110-R511
NSO_270	The value MUST be part of the code list 'Duty or tax or fee category code (UNCL5305)'.	IT-NSO-T110-R160
NSO_271	The value MUST be part of the code list 'Duty or tax or fee category code (UNCL5305)'.	IT-NSO-T110-R161
NSO_272	The value MUST be part of the code list 'Duty or tax or fee category code (UNCL5305)'.	IT-NSO-T110-R162