



Form 25-NSE XML Technical Specification

VERSION 4.3

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1 INTRODUCTION

1.1 Purpose

This document details the valid structure and content of the two EDGAR Form 25-NSE submission types. Table 1-1, Form 25-NSE Submission Types, provides a description of the Form 25-NSE submission types.

Table 1-1: Form 25-NSE Submission Types

| Submission Type | Description |
|-----------------|---|
| 25-NSE | Notification filed by National Security Exchange to report the removal from listing and registration of matured, redeemed, or retired securities. |
| 25-NSE/A | Amendment of a previous Form 25-NSE. |

This specification provides a basis for creating the Form 25-NSE XML filings. The expectation is that software developers, working on behalf of filers, will construct software that will generate a Form 25-NSE XML filing that can be successfully parsed by the EDGAR system.

The Form 25-NSE submission file must conform to the EDGAR Form 25-NSE Submission Taxonomy. This taxonomy is comprised of a collection of XML Schema Definition (.xsd) files that define the structures of EDGAR Form 25-NSE submissions.

For specific information about the data content of the Form 25-NSE submission types, refer to SEC Filing Rule 34-52029.

The 25-NSE XML submissions are transmitted to the SEC via the Transmit XML Submission option from the EDGAR OnlineForms/XML Website (<https://www.onlineforms.edgarfiling.sec.gov>).

In order to use the EDGAR OnlineForms/XML Website, you must register with the SEC as an electronic filer. The SEC in turn will issue a Central Index Key (CIK). If you currently have a CIK and access codes (password, CIK confirmation code (CCC), etc.), you can proceed to the EDGAR OnlineForms/XML Website to submit your submission. If you do not have access codes, you will need to obtain access codes through the EDGAR Filer Management website, <https://www.filermanagement.edgarfiling.sec.gov>. For further information regarding how to obtain access codes, refer to the Becoming an EDGAR Filer section of the EDGAR Filer Manual, Volume I (General Information).

For further information regarding the EDGAR OnlineForms/XML Website, specifically in regards to the transmission of filer-constructed submissions, refer to the Filer-Constructed XML Submissions section of the EDGAR Filer Manual, Volume II (EDGAR Filing).

All volumes of the Filer Manual are available on the SEC's Public Website: <http://www.sec.gov>.

1.2 Summary of Changes

On September 20, 2021, EDGAR Release 21.3 introduced the following changes:

- Text for Country TAIWAN, PROVINCE OF CHINA is changed to TAIWAN in stateCodes.xsd file.
- Code F5 is changed to TAIWAN in APPENDIX A.STATE/COUNTRY CODES.

2 EDGAR SCHEMA FILES

The schema files define the valid data elements for a Form 25-NSE submission, the hierarchy and sequencing of these elements, data types, valid values, maximum lengths, and number of occurrences, etc.

Table 2-1: Form 25-NSE Schema Files

| XML schema File | Scope of File |
|-------------------------------|---|
| edgarSubmissionCommon.xsd.xml | Defines the submission fields that are common in EDGAR submissions. |
| stateCodes.xsd.xml | Defines the state code element. |
| subjectCompany.xsd.xml | Defines the subject company elements. |
| filedByCompany.xsd.xml | Defines the filed by company elements. |
| form25NseDocument.xsd.xml | Defines the elements of the Form 25-NSE primary document. |
| form25NseSubmission.xsd.xml | Defines the elements of the Form 25-NSE submission. |

It is recommended that you download these files and use them for your own validation prior to submitting a filing. This will greatly reduce the likelihood of receiving an EDGAR suspense error. These schema files contain several annotations that describe the nature of the content of some of the elements.

EDGAR does perform several validation checks that are not related to the schema files, so it is possible for a submission to meet all the schema constraints and still be SUSPENDED or BLOCKED. For instance, EDGAR verifies that each CIK/CCC pair is valid.

2.1 Key Schema Indicators

We assume the filer is familiar with the basics of the XML language, namespaces, and the XML Schema Definition language. If not, you can find numerous references on the World Wide Web. One recommended site that provides several useful tutorials and examples is <http://www.w3schools.com/>.

Table 2-2, XML Schema Language Features Used in Form 25-NSE, highlights the schema language features used most heavily in the EDGAR Form 25-NSE submission schema files.

Table 2-2: XML Schema Language Features Used in Form 25-NSE

| Indicator | Purpose |
|----------------|---|
| <sequence> | Specifies that child elements must appear in a specific order. This indicator is used with each element hierarchy. Elements must always appear in the order shown in Section 0. |
| <key> <keyref> | Specifies that the value of key element must match the value of the <keyRef> element. |
| <minOccurs> | Specifies the minimum number of times that an element can occur. The default is 1. An optional field will have <minOccurs> value of zero. |
| <maxOccurs> | Specifies the maximum number of times that an element can occur. |

This excerpt from the edgarSubmissionCommon.xsd schema file includes some of these indicators:

```
<xs:complexType name="EDGAR_ADDRESS_TYPE">
  <xs:sequence>
    <xs:element name="street1" type="STREET_TYPE"/>
    <xs:element name="street2" type="STREET_TYPE" minOccurs="0"/>
    <xs:element name="city" type="CITY_TYPE"/>
    <xs:element name="stateOrCountryCode" type="STATE_COUNTRY_CODE"/>
    <xs:element name="stateOrCountry" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="50"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="zipCode" type="ZIP_CODE_TYPE" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

This is a sample of XML that conforms to the schema definition given above:

```
<registrant>
  ...
  <principalOfficeAddress>
    <street1>123 Maple Avenue</street1>
    <city>Alexandria</city>
    <stateOrCountryCode>VA</stateOrCountryCode>
    <stateOrCountry>VIRGINIA</stateOrCountry>
    <zipCode>22312</zipCode>
  </principalOfficeAddress>
</registrant>
```

3 XML SCHEMAS

This section summarizes the restrictions and constraints imposed on the content of the two Form 25-NSE submission types. These rules are enforced by the schema files and by EDGAR submission processing applications.

The schema files cannot enforce all the rules concerning data content, so it is possible for a submission to satisfy all the schema constraints and still be **SUSPENDED** or **BLOCKED** by EDGAR.

3.1 Schema Table Column Definitions

Table 3-3, Form 25-NSE Schema Definitions, provides the schema definition for both Form 25-NSE submission types. Table 3-1, Column Definitions for Table 3-3, describes the table columns in Table 3-3, and Table 3-2, Data Type Definitions, provides information regarding the data types listed in Table 3-3.

Table 3-1: Column Definitions for Table 3-3

| Column Name | Description |
|--------------------------|--|
| Level | Depth of element in the XML node hierarchy. |
| Order | Order in which elements must appear. |
| Data Type | See Table 3-2 for a detailed description. |
| Element Name | Name of the XML element. This is case-sensitive |
| Max Length | Maximum length for string elements. EDGAR database stores up to this number of characters. “Unlimited” means no maximum length constraint for the element value. |
| Data Value Constraint | The paragraph that describes the data value constraint for the element. The values specified are case sensitive. |
| Max Occur | Maximum times a set of elements may be repeated. The maximum occurrence is 1, if not specified. |
| Applicability of Element | Indicates applicability of the element. m = Mandatory o = Optional NA = Does not apply. EDGAR uses this element for server-side processing. Do not provide a value for this element. |

3.2 Data Type Constraints

Table 3-2, Data Type Definitions, describes the data types specified in the “Data Type” column of Table 3-3.

Table 3-2: Data Type Definitions

| Data Type | Constraints |
|------------------|--|
| boolean | Indicate with the word “true” or “false”. A boolean element may not have a null or blank value. This is a schema violation and will cause a SUSPENSE error. |
| date | Must be of the format YYYY-MM-DD. A date element may not have a null or blank value. This is a schema violation and will cause a SUSPENSE error. Do not include a date element at all if your goal is to not provide an optional date. |
| string | <p>Should not be longer than the length specified in “Max Length” column of Table 3-3, Form 25-NSE Schema Definitions.</p> <p>You must use special escape sequences to represent these four characters:</p> <p>For the < character use the escape sequence “&lt;” or “&#60;”.</p> <p>For the > character use the escape sequence “&gt;” or “&#62;”.</p> <p>For the & character use the escape sequence “&amp;” or “&#38;”.</p> <p>For the “ character use the escape sequence “&quot;” or “&#34;”.</p> |
| NV | These elements cannot have a value. They are parent element nodes that contain other XML elements. These elements need to be present for proper validation. |

3.3 Form 25-NSE Schema Definition

Table 3-3, Form 25-NSE Schema Definitions, provides the schema definition for the Form 25-NSE submission types.

Table 3-3: Form 25-NSE Schema Definitions

| Level | Order | Data Type | Element Name | Max Length | Data Value Constraint | Max Occur | Applicability of Element |
|-------|-------|-----------|--------------------------|------------|----------------------------|-----------|--------------------------|
| 1 | 1 | NV | edgarSubmission | | | | m |
| 2 | 1 | string | submissionType | unlimited | Submission Type List | | m |
| 2 | 2 | string | testOrLive | 4 | Test Live List | | m |
| 2 | 3 | boolean | returnCopy | | | | o |
| 2 | 4 | boolean | confirmingCopy | | | | o |
| 2 | 5 | | contactData | | | | m |
| 3 | 1 | | contactName | | | | m |
| 3 | 2 | | contactPhoneNumber | | | | m |
| 3 | 3 | | contactEmailAddress | | | | o |
| 2 | 6 | NV | notificationAddresses | | | | o |
| 3 | 1 | string | notificationEmailAddress | 80 | | 30 | m |
| 2 | 7 | NV | amendment | | | | m |
| 3 | 1 | boolean | isAmendment | | | | m |
| 3 | 2 | string | previousAccessionNumber | 20 | | | m |
| 2 | 8 | string | formVersion | Unlimited | | | o |
| 2 | 9 | NV | primaryDocument | | | | m |
| 3 | 1 | string | documentName | unlimited | Primary Document Name List | | m |
| 3 | 2 | string | documentType | unlimited | Submission Type List | | m |
| 3 | 3 | string | documentDescription | 255 | | | o |
| 3 | 4 | NV | documentBlock | | | | m |
| 4 | 1 | NV | notificationOfRemoval | | | | |
| 4 | 1 | string | schemaVersion | 5 | | | NA |
| 4 | 2 | NV | exchange | | | | m |
| 5 | 1 | string | cik | 10 | | | m |
| 5 | 2 | string | ccc | 8 | | | o |
| 5 | 3 | string | entityName | 150 | | | m |

| Level | Order | Data Type | Element Name | Max Length | Data Value Constraint | Max Occur | Applicability of Element |
|-------|-------|-----------|--------------------------|------------|-----------------------|-----------|--------------------------|
| 4 | 3 | NV | issuer | | | | m |
| 5 | 1 | string | cik | 10 | | | m |
| 5 | 2 | string | entityName | 150 | | | m |
| 5 | 3 | string | fileNumber | 25 | | | m |
| 5 | 4 | NV | address | | | | m |
| 6 | 1 | string | street1 | 40 | | | m |
| 6 | 2 | string | street2 | 40 | | | o |
| 6 | 3 | string | city | 30 | | | m |
| 6 | 4 | string | stateOrCountryCode | unlimited | State Code List | | m |
| 6 | 5 | String | stateOrCountry | 50 | | | o |
| 6 | 6 | string | zipCode | 10 | | | o |
| 5 | 5 | string | telephoneNumber | 20 | | | m |
| 4 | 5 | string | descriptionClassSecurity | unlimited | | | m |
| 4 | 6 | string | ruleProvision | unlimited | Rule Provision List | | m |
| 4 | 7 | NV | SignatureData | | | | m |
| 5 | 1 | string | signatureName | 255 | | | m |
| 5 | 2 | string | signatureTitle | 60 | | | m |
| 5 | 3 | date | signatureDate | | | | m |
| 2 | 10 | NV | edgarDocument | | | 610 | o |
| 3 | 1 | string | documentName | 32 | | | m |
| 3 | 2 | string | documentType | 20 | | | m |
| 3 | 3 | string | documentDescription | 255 | | | o |
| 3 | 4 | string | documentMimeBlock | unlimited | | | m |

3.4 Data Value Constraints

This section describes the data value constraints for applicable elements in Table 3-3, Form 25-NSE Schema Definitions.

3.4.1 Submission Type List

Table 3-4, Submission and Primary Document Type List Values, lists the valid values for the <submissionType> and <documentType> of the <primaryDocument> (<primaryDocument.documentType>) elements. The schema enforces that the value of <submissionType> and <primaryDocument.documentType> must have the same value.

Table 3-4: Submission and Primary Document Type List Values

| Value for Submission Type and Primary Document Type |
|---|
| 25-NSE |
| 25-NSE/A |

3.4.2 Document Type List

Table 3-5, Supporting Document Type List Values, lists the valid values for the <documentType> of the <edgarDocument> (<edgarDocument.documentType>) element.

Table 3-5: Supporting Document Type List Values

| Value for Supporting Documents |
|--------------------------------|
| CORRESP |
| COVER |
| EX-99.25 |
| GRAPHIC |

You can append optional text to these document type values. This optional text must begin with a period. The overall length of the document type value cannot exceed 20 characters. Some examples of a valid document types are:

- COVER.document
- EX-99.25.a

3.4.3 State Code List

EDGAR recognizes 309 two-character designators for the <stateOrCountryCode> element. These are provided in Appendix A, State and Country Codes. These codes are a combination of values for the 50 U.S. states, the Canadian Provinces, and other countries and territories.

3.4.4 Test Live List

Table 3-6, Test or Live List Values, lists the valid values for the <testOrLive> element.

Table 3-6: Test or Live List Values

| Value |
|-------|
| LIVE |
| TEST |

3.4.5 Primary Document Name List

Table 3-7, Primary Document Name List Values, lists the valid values for the <documentName> of the <primaryDocument> (<primaryDocument.documentName> element).

Table 3-7: Primary Document Name List Values

| Value |
|-------|
| LIVE |
| TEST |

3.4.6 Rule Provision List

Table 3-8, Rule Provision ID List Values, lists the valid values for the <ruleProvision> element.

Table 3-8: Rule Provision ID List Values

| Value |
|-------------------------|
| 17 CFR 240.12d2-2(a)(1) |
| 17 CFR 240.12d2-2(a)(2) |
| 17 CFR 240.12d2-2(a)(3) |
| 17 CFR 240.12d2-2(a)(4) |
| 17 CFR 240.12d2-2(b) |

4 BASIC SUBMISSION CONSTRUCTION

4.1 General Formatting of XML Files

The following rules apply to the submission file of an XML-format 25-NSE submission:

1. The filename must end with an “.xml” extension.
2. The file cannot be compressed in any fashion.
3. We strongly recommend you format the submission as shown in the provided sample files. This makes the raw XML files easier to view in a text editor. The submission of ASCII XML files with no line breaks, while legal XML, is strongly discouraged. XML filings are required to be posted on public websites. While usually formatted via style sheets, the raw XML is frequently available for inspection and should be readable by a person. A single line XML file is not viewer-friendly and should be avoided.
4. The `<?xml version="1.0"?>` declaration line is optional; however, if it is included it must be the first line in the file. Any text entered before this line, even white space, will cause a SUSPENSE error. The version value must be “1.0.” Any other value for version will cause a SUSPENSE error.
5. For an XML element with a data value, keep the begin tag, data value, and end tag on the same line of text. Otherwise, you could get a schema violation error. As an example, for a filer ID value which cannot be longer than 10 characters, this specification is correct:

```
<cik>1212121212</cik>
```

6. The specification below will result in a parsing error because the extraneous white space and line feeds will be counted as part of the length of the data value. In other words, the CIK value will be regarded as longer than 10 characters.

```
<cik>
1212121212
</cik>
```

4.2 XML Submission File Rules

The following rules are specific to the submission file:

1. The order of any `<notificationEmailAddress>` element in the `<notificationAddresses>` element block does not matter. EDGAR will generate a WARNING for any duplicate values in the `<notificationEmailAddress>` element.
2. The submission file must conform to the `form25NseSubmission.xsd` XML schema file. Any violation of this schema will result in the suspension of the filing.

4.2.1 Primary Document

The primary document is specified by the <primaryDocument> element block. The following rules apply to this <primaryDocument> element block:

1. The submission file must contain a single “primary” XML document, i.e., one <primaryDocument> element block.
2. The value for the <documentName> element must be “primary_doc.xml”, as specified in Table 3-7, Primary Document Name List Values.
3. The value for the <documentType> element must match the value for the <submissionType> element.

4.2.1.1 Primary Document Block Elements

This section provides additional information regarding the <documentBlock> of the <primaryDocument> (<primaryDocument.documentBlock>) element.

1. EDGAR will insert the <?xml version=“1.0”?> declaration into the “document of record”. You do not need to include this declaration as part of the <primaryDocument.documentBlock> element.
2. The <schemaVersion> element should not be included. If you do provide a value for this element, EDGAR will generate a WARNING and discard the value. Additionally, if the value you provide does not match the current version of the schema file being used by EDGAR, then EDGAR will generate a second WARNING. EDGAR will insert the correct value for this element into the “document of record” that gets disseminated.
3. The <exchange> element block specifies the Exchange CIK at the <cik> element, the exchange CIK confirmation code at the <ccc>, and the name of the Exchange at the <entityName> element. The CIK (<cik> element) does not have to be conformed with leading zeros. The CCC (<ccc> element) will be removed by EDGAR from the “document of record” that is disseminated. The name of the exchange (<entityName>) will be removed by EDGAR, if provided, and reinserted with the EDGAR system of record value.
4. The <issuer> element block specifies the Issuer CIK at the <cik> element, the issuer name at the <entityName>, the Issuer file number being delisted at the <fileNumber> element, the Issuer address at the <address> element, and the Issuer telephone number at the <telephoneNumber> element. The Issuer file number must be the “001-” file number that was assigned to the Issuer’s 8-A registration filing. The CIK (<cik> element) does not have to be conformed with leading zeros. The Issuer name (<entityName>), Issuer address (<address>), and Issuer telephone number (<telephoneNumber>) will be removed by EDGAR, if provided, and reinserted with values from the EDGAR system of record.
5. The <ruleProvision> element indicates the appropriate 17 CFR 240.12d2-2 rule provision relied upon to strike the class of securities from listing and registration. The schema requires

either (a)1, (a)2, (a)3, (a)4, or (b) be selected. The values of the <ruleProvision> element are indicated in Table 3-8. The following illustrates that rule provision (a)3 is applicable:

```
<ruleProvision>17 CFR 240.12d2-2(a)(3)</ruleProvision>
```

4.2.2 Supporting Documents

The <edgarDocument> element block specifies supporting documents. The following rules apply to this <edgarDocument> element block:

1. The submission file may also contain additional supporting documents. The additional support documents are specified using the <edgarDocument> element block. The order of the <edgarDocument> specifications does not matter, e.g., COVER documents may appear before the EX-99.25 document, and vice versa.
2. At least one EX-99.25 document must be enclosed for submission type 25-NSE. Supporting documents are optional for submission type 25-NSE/A and may be included if applicable.
3. Allowable file extensions are .txt, .htm, .jpg, and .gif.
 - i. **Note:** The two Form 25-NSE submission types do not allow the inclusion of PDF documents. EDGAR will discard any attached PDF documents and issue a WARNING to that effect.
4. The allowable document types are shown in the Table 3-5.
5. You may enclose no more than 610 documents. The document count limits by type are provided in Table 4-1 Supporting Document Maximum Allowed.
 - a. The names of attached document files must follow the EDGAR file naming convention:
 - b. File names cannot exceed 32 characters, including the file extension.
 - c. Valid characters are lowercase letters, digits 0-9, up to one underscore, up to one hyphen, and up to one period.
 - d. First character must be a letter.
 - e. Spaces are not allowed.
 - f. File name must have a file type extension.
 - g. File extension of the primary document must be .xml.
 - h. File extension of all other documents must be .txt, .htm, .jpg, or .gif.
6. The <documentDescription> is optional, but all other elements must be present and must have a value.
7. The <documentMimeBlock> element must contain a MIME encoded document. You can use any standard 64-character set based MIME encoding algorithm to create a MIME document.

8. The XML for an enclosed supporting document looks like this:

```
<edgarDocument>
  <documentName>cover01.txt</documentName>
  <documentType>COVER</documentType>
  <documentDescription>Cover Document</documentDescription>
  <documentMimeBlock>
    PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PSAgIGNvdmVyIGxldh
    RlciAgID09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09NCg0KVGhp
    cyBpcyBhIHByaXZhdGUgY292ZXIgbGV0dGVyIHRoYXQgZG91cyBub3QgY2
    9udGFpbjBhbnkgcmVkbGluZQ0KdGFncy4gVGhpcyBpcyBzdHJpY3RseSBh
    IHRlc3QuDQoNCj09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT
    09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09
    PT09DQo=
  </documentMimeBlock>
</edgarDocument>
```


5 ERROR REPORTING

EDGAR will generate an error for each violation of an XML schema constraint, as well as for each violation of a Form 25-NSE filing business rule. The schema files do not enforce all error checks, so it is possible to construct a submission that meets all the schema constraints yet is still SUSPENDED.

Table 5-1: EDGAR Processing Errors and Severity

| Error Condition | Severity |
|--|---------------------|
| Elements not in sequence prescribed in Table 3-3. | SUSPENSE |
| Inclusion of XML-styleSheet reference or any other Processing Instruction | SUSPENSE |
| Inclusion of an element not prescribed in the schema | SUSPENSE |
| String value exceeds maximum length constraint | SUSPENSE |
| Element constrained by a Choice List has an invalid value | SUSPENSE |
| Mandatory element has no value or an invalid value | SUSPENSE |
| Special character (&, <, >) not provided as escape sequence | SUSPENSE |
| Date or Boolean element does not have a value | SUSPENSE |
| Duplicate notification email address (duplicate values for element <notificationEmailAddress>) | WARNING |
| “NA” element has a value | WARNING |
| Invalid Exchange CIK | SUSPENSE |
| Invalid Issuer CIK | SUSPENSE |
| Invalid CIK/CCC combination | SUSPENSE |
| Improperly formatted email address | SUSPENSE |
| Inclusion of a PDF document | WARNING |
| Exceeding a “Max Occur” limit from Table 3-3 (e.g., value for element <notificationEmailAddress> contains more than 80 characters) | SUSPENSE |
| Invalid content in an enclosed ASCII document. Refer to the EDGAR Filer Manual for details. | SUSPENSE or WARNING |
| Invalid content in an enclosed HTML document. Refer to the EDGAR Filer Manual for details. | SUSPENSE or WARNING |
| Enclosed graphic document that is not referenced by an HTML document | SUSPENSE |
| Any XML schema violation not mentioned in previous table row | SUSPENSE |
| The Exchange CIK (value for element <exchange.filerId>) is not denoted as a National Exchange CIK in EDGAR. | SUSPENSE |
| The Issuer CIK (value for element <issuer.filerId>) is denoted as a National Exchange CIK in EDGAR. | SUSPENSE |
| The form 25-NSE submission requires at least one EX-99.25 document. This 25-NSE submission does not include a valid document specification | SUSPENSE |

You may sometimes receive multiple error messages reporting the same error. The XML parser EDGAR uses to process an XML submission generates messages that are rather technical in nature and require an understanding of the XML schema language. Whenever possible, EDGAR also generates a more “friendly” error message to give a precise description of the error.

6 EXAMPLE FORM 25-NSE SUBMISSION FILES

Table 6-1, Form 25-NSE Example Submission Files, provides a list of example of Form 25-NSE submission files.

Table 6-1: Form 25-NSE Example Submission Files

| Submission Type | Description | Submission File |
|-----------------|--|-----------------|
| 25-NSE | Submission with EX-99.25 document. | 25-nse_1.xml |
| 25-NSE/A | Amendment submission with no other enclosed documents. | 25-nsea.xml |
| 25-NSE | Submission with EX-99.25 and other enclosed documents. | 25-nse_2.xml |

The submission files contain MIME versions of the supporting document. These MIME data blocks were copied from a 64-character set MIME version of the document and pasted into the submission file.

APPENDIX A. STATE AND COUNTRY CODES

Table A-1, State or Country Code Value List, lists the valid values for the <stateOrCountryCode> element. These codes are a combination of values for the 50 U.S. states, the Canadian Provinces, and other countries and territories.

Table A-1: State or Country Code Value List

| Code | State or Country Name |
|------|-----------------------|
| AL | ALABAMA |
| AK | ALASKA |
| AZ | ARIZONA |
| AR | ARKANSAS |
| CA | CALIFORNIA |
| CO | COLORADO |
| CT | CONNECTICUT |
| DE | DELAWARE |
| DC | DISTRICT OF COLUMBIA |
| FL | FLORIDA |
| GA | GEORGIA |
| HI | HAWAII |
| ID | IDAHO |
| IL | ILLINOIS |
| IN | INDIANA |
| IA | IOWA |
| KS | KANSAS |
| KY | KENTUCKY |
| LA | LOUISIANA |
| ME | MAINE |
| MD | MARYLAND |
| MA | MASSACHUSETTS |
| MI | MICHIGAN |
| MN | MINNESOTA |
| MS | MISSISSIPPI |
| MO | MISSOURI |
| MT | MONTANA |
| NE | NEBRASKA |
| NV | NEVADA |
| NH | NEW HAMPSHIRE |
| NJ | NEW JERSEY |
| NM | NEW MEXICO |
| NY | NEW YORK |
| NC | NORTH CAROLINA |
| ND | NORTH DAKOTA |
| OH | OHIO |
| OK | OKLAHOMA |
| OR | OREGON |
| PA | PENNSYLVANIA |

| Code | State or Country Name |
|------|------------------------------|
| RI | RHODE ISLAND |
| SC | SOUTH CAROLINA |
| SD | SOUTH DAKOTA |
| TN | TENNESSEE |
| TX | TEXAS |
| X1 | UNITED STATES |
| UT | UTAH |
| VT | VERMONT |
| VA | VIRGINIA |
| WA | WASHINGTON |
| WV | WEST VIRGINIA |
| WI | WISCONSIN |
| WY | WYOMING |
| A0 | ALBERTA, CANADA |
| A1 | BRITISH COLUMBIA, CANADA |
| Z4 | CANADA (FEDERAL LEVEL) |
| A2 | MANITOBA, CANADA |
| A3 | NEW BRUNSWICK, CANADA |
| A4 | NEWFOUNDLAND, CANADA |
| A5 | NOVA SCOTIA, CANADA |
| A6 | ONTARIO, CANADA |
| A7 | PRINCE EDWARD ISLAND, CANADA |
| A8 | QUEBEC, CANADA |
| A9 | SASKATCHEWAN, CANADA |
| B0 | YUKON, CANADA |
| B2 | AFGHANISTAN |
| Y6 | ALAND ISLANDS |
| B3 | ALBANIA |
| B4 | ALGERIA |
| B5 | AMERICAN SAMOA |
| B6 | ANDORRA |
| B7 | ANGOLA |
| 1A | ANGUILLA |
| B8 | ANTARCTICA |
| B9 | ANTIGUA AND BARBUDA |
| C1 | ARGENTINA |
| 1B | ARMENIA |
| 1C | ARUBA |
| C3 | AUSTRALIA |
| C4 | AUSTRIA |
| 1D | AZERBAIJAN |
| C5 | BAHAMAS |
| C6 | BAHRAIN |
| C7 | BANGLADESH |
| C8 | BARBADOS |

| Code | State or Country Name |
|------|---------------------------------------|
| 1F | BELARUS |
| C9 | BELGIUM |
| D1 | BELIZE |
| G6 | BENIN |
| D0 | BERMUDA |
| D2 | BHUTAN |
| D3 | BOLIVIA |
| 1E | BOSNIA AND HERZEGOVINA |
| B1 | BOTSWANA |
| D4 | BOUVET ISLAND |
| D5 | BRAZIL |
| D6 | BRITISH INDIAN OCEAN TERRITORY |
| D9 | BRUNEI DARUSSALAM |
| E0 | BULGARIA |
| X2 | BURKINA FASO |
| E2 | BURUNDI |
| E3 | CAMBODIA |
| E4 | CAMEROON |
| E8 | CAPE VERDE |
| E9 | CAYMAN ISLANDS |
| F0 | CENTRAL AFRICAN REPUBLIC |
| F2 | CHAD |
| F3 | CHILE |
| F4 | CHINA |
| F6 | CHRISTMAS ISLAND |
| F7 | COCOS (KEELING) ISLANDS |
| F8 | COLOMBIA |
| F9 | COMOROS |
| G0 | CONGO |
| Y3 | CONGO, THE DEMOCRATIC REPUBLIC OF THE |
| G1 | COOK ISLANDS |
| G2 | COSTA RICA |
| L7 | COTE D'IVOIRE |
| 1M | CROATIA |
| G3 | CUBA |
| G4 | CYPRUS |
| 2N | CZECH REPUBLIC |
| G7 | DENMARK |
| 1G | DJIBOUTI |
| G9 | DOMINICA |
| G8 | DOMINICAN REPUBLIC |
| H1 | ECUADOR |
| H2 | EGYPT |
| H3 | EL SALVADOR |
| H4 | EQUATORIAL GUINEA |

| Code | State or Country Name |
|------|-----------------------------------|
| 1J | ERITREA |
| 1H | ESTONIA |
| H5 | ETHIOPIA |
| H7 | FALKLAND ISLANDS (MALVINAS) |
| H6 | FAROE ISLANDS |
| H8 | FIJI |
| H9 | FINLAND |
| I0 | FRANCE |
| I3 | FRENCH GUIANA |
| I4 | FRENCH POLYNESIA |
| 2C | FRENCH SOUTHERN TERRITORIES |
| I5 | GABON |
| I6 | GAMBIA |
| 2Q | GEORGIA (COUNTRY) |
| 2M | GERMANY |
| J0 | GHANA |
| J1 | GIBRALTAR |
| J3 | GREECE |
| J4 | GREENLAND |
| J5 | GRENADA |
| J6 | GUADELOUPE |
| GU | GUAM |
| J8 | GUATEMALA |
| Y7 | GUERNSEY |
| J9 | GUINEA |
| S0 | GUINEA-BISSAU |
| K0 | GUYANA |
| K1 | HAITI |
| K4 | HEARD ISLAND AND MCDONALD ISLANDS |
| X4 | HOLY SEE (VATICAN CITY STATE) |
| K2 | HONDURAS |
| K3 | HONG KONG |
| K5 | HUNGARY |
| K6 | ICELAND |
| K7 | INDIA |
| K8 | INDONESIA |
| K9 | IRAN, ISLAMIC REPUBLIC OF |
| L0 | IRAQ |
| L2 | IRELAND |
| Y8 | ISLE OF MAN |
| L3 | ISRAEL |
| L6 | ITALY |
| L8 | JAMAICA |
| M0 | JAPAN |
| Y9 | JERSEY |

| Code | State or Country Name |
|------|--|
| M2 | JORDAN |
| 1P | KAZAKSTAN |
| M3 | KENYA |
| J2 | KIRIBATI |
| M4 | KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF |
| M5 | KOREA, REPUBLIC OF |
| M6 | KUWAIT |
| 1N | KYRGYZSTAN |
| M7 | LAO PEOPLE'S DEMOCRATIC REPUBLIC |
| 1R | LATVIA |
| M8 | LEBANON |
| M9 | LESOTHO |
| N0 | LIBERIA |
| N1 | LIBYAN ARAB JAMAHIRIYA |
| N2 | LIECHTENSTEIN |
| 1Q | LITHUANIA |
| N4 | LUXEMBOURG |
| N5 | MACAU |
| 1U | MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF |
| N6 | MADAGASCAR |
| N7 | MALAWI |
| N8 | MALAYSIA |
| N9 | MALDIVES |
| O0 | MALI |
| O1 | MALTA |
| 1T | MARSHALL ISLANDS |
| O2 | MARTINIQUE |
| O3 | MAURITANIA |
| O4 | MAURITIUS |
| 2P | MAYOTTE |
| O5 | MEXICO |
| 1K | MICRONESIA, FEDERATED STATES OF |
| 1S | MOLDOVA, REPUBLIC OF |
| O9 | MONACO |
| P0 | MONGOLIA |
| Z5 | MONTENEGRO |
| P1 | MONTSERRAT |
| P2 | MOROCCO |
| P3 | MOZAMBIQUE |
| E1 | MYANMAR |
| T6 | NAMIBIA |
| P5 | NAURU |
| P6 | NEPAL |
| P7 | NETHERLANDS |
| P8 | NETHERLANDS ANTILLES |

| Code | State or Country Name |
|------|----------------------------------|
| 1W | NEW CALEDONIA |
| Q2 | NEW ZEALAND |
| Q3 | NICARAGUA |
| Q4 | NIGER |
| Q5 | NIGERIA |
| Q6 | NIUE |
| Q7 | NORFOLK ISLAND |
| 1V | NORTHERN MARIANA ISLANDS |
| Q8 | NORWAY |
| P4 | OMAN |
| R0 | PAKISTAN |
| 1Y | PALAU |
| 1X | PALESTINIAN TERRITORY, OCCUPIED |
| R1 | PANAMA |
| R2 | PAPUA NEW GUINEA |
| R4 | PARAGUAY |
| R5 | PERU |
| R6 | PHILIPPINES |
| R8 | PITCAIRN |
| R9 | POLAND |
| S1 | PORTUGAL |
| PR | PUERTO RICO |
| S3 | QATAR |
| S4 | REUNION |
| S5 | ROMANIA |
| 1Z | RUSSIAN FEDERATION |
| S6 | RWANDA |
| Z0 | SAINT BARTHELEMY |
| U8 | SAINT HELENA |
| U7 | SAINT KITTS AND NEVIS |
| U9 | SAINT LUCIA |
| Z1 | SAINT MARTIN |
| V0 | SAINT PIERRE AND MIQUELON |
| V1 | SAINT VINCENT AND THE GRENADINES |
| Y0 | SAMOA |
| S8 | SAN MARINO |
| S9 | SAO TOME AND PRINCIPE |
| T0 | SAUDI ARABIA |
| T1 | SENEGAL |
| Z2 | SERBIA |
| T2 | SEYCHELLES |
| T8 | SIERRA LEONE |
| U0 | SINGAPORE |
| 2B | SLOVAKIA |
| 2A | SLOVENIA |

| Code | State or Country Name |
|------|--|
| D7 | SOLOMON ISLANDS |
| U1 | SOMALIA |
| T3 | SOUTH AFRICA |
| 1L | SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS |
| U3 | SPAIN |
| F1 | SRI LANKA |
| V2 | SUDAN |
| V3 | SURINAME |
| L9 | SVALBARD AND JAN MAYEN |
| V6 | SWAZILAND |
| V7 | SWEDEN |
| V8 | SWITZERLAND |
| V9 | SYRIAN ARAB REPUBLIC |
| F5 | TAIWAN |
| 2D | TAJIKISTAN |
| W0 | TANZANIA, UNITED REPUBLIC OF |
| W1 | THAILAND |
| Z3 | TIMOR-LESTE |
| W2 | TOGO |
| W3 | TOKELAU |
| W4 | TONGA |
| W5 | TRINIDAD AND TOBAGO |
| W6 | TUNISIA |
| W8 | TURKEY |
| 2E | TURKMENISTAN |
| W7 | TURKS AND CAICOS ISLANDS |
| 2G | TUVALU |
| W9 | UGANDA |
| 2H | UKRAINE |
| C0 | UNITED ARAB EMIRATES |
| X0 | UNITED KINGDOM |
| 2J | UNITED STATES MINOR OUTLYING ISLANDS |
| X3 | URUGUAY |
| 2K | UZBEKISTAN |
| 2L | VANUATU |
| X5 | VENEZUELA |
| Q1 | VIET NAM |
| D8 | VIRGIN ISLANDS, BRITISH |
| VI | VIRGIN ISLANDS, U.S. |
| X8 | WALLIS AND FUTUNA |
| U5 | WESTERN SAHARA |
| T7 | YEMEN |
| Y4 | ZAMBIA |
| Y5 | ZIMBABWE |
| XX | UNKNOWN |

APPENDIX B. MAPPING OF FORM 25-NSE XML ELEMENTS TO PRINTED FORM

Table B-1, Mapping for Form 25-NSE XML Elements to Printed Form, maps the XML elements that have a displayable value to their corresponding fields on a printed Form 25. Not all elements map to the printed form, but the schema definition as provided in Table 3-3 is repeated here for completeness.

Table B-1: Mapping for Form 25-NSE XML Elements to Printed Form

| Element Name | Printed Form 25 |
|--------------------------|---|
| edgarSubmission | |
| submissionType | |
| testOrLive | |
| returnCopy | |
| confirmingCopy | |
| contactData | |
| contactName | |
| contactPhoneNumber | |
| contactEmailAddress | |
| amendment | |
| isAmendment | |
| previousAccessionNumber | |
| notificationAddresses | |
| notificationEmailAddress | |
| formVersion | |
| primaryDocument | |
| documentName | |
| documentType | |
| documentDescription | |
| documentBlock | |
| notificationOfRemoval | |
| schemaVersion | |
| exchange | |
| cik | |
| ccc | |
| entityName | ... name of Exchange where security is listed and/or registered (second portion of first line), Pursuant to the requirements of the Securities Exchange Act of 1934, |
| issuer | |
| cik | |
| entityName | Exact name of Issuer as specified in its charter ... (first portion of first line) |
| fileNumber | Commission File Number |
| address | |
| street1 | Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices |
| street2 | Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices |
| City | Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices |
| stateOrCountryCode | Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices |
| stateOrCountry | Address, including zip code, and telephone number, including area |

| Element Name | Printed Form 25 |
|--------------------------|--|
| | code, of Issuer's principal executive offices |
| zipCode | Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices |
| telephoneNumber | Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices |
| descriptionClassSecurity | Description of class of securities |
| ruleProvision | Place an X in the box to designate the rule provision relied upon to strike the class of securities from listing and registration Pursuant to 17 CFR 240.12d2-2(b), the Exchange has complied with its rules to strike the class of securities from listing and/or withdraw registration on the Exchange |
| signatureData | |
| signatureName | By Name |
| signatureTitle | By Title |
| signatureDate | Date |
| | |
| edgarDocument | |
| documentName | |
| documentType | |
| documentDescription | |
| documentMimeBlock | |