

Technical Specification for DI API

**User Manual Version: 1.12**

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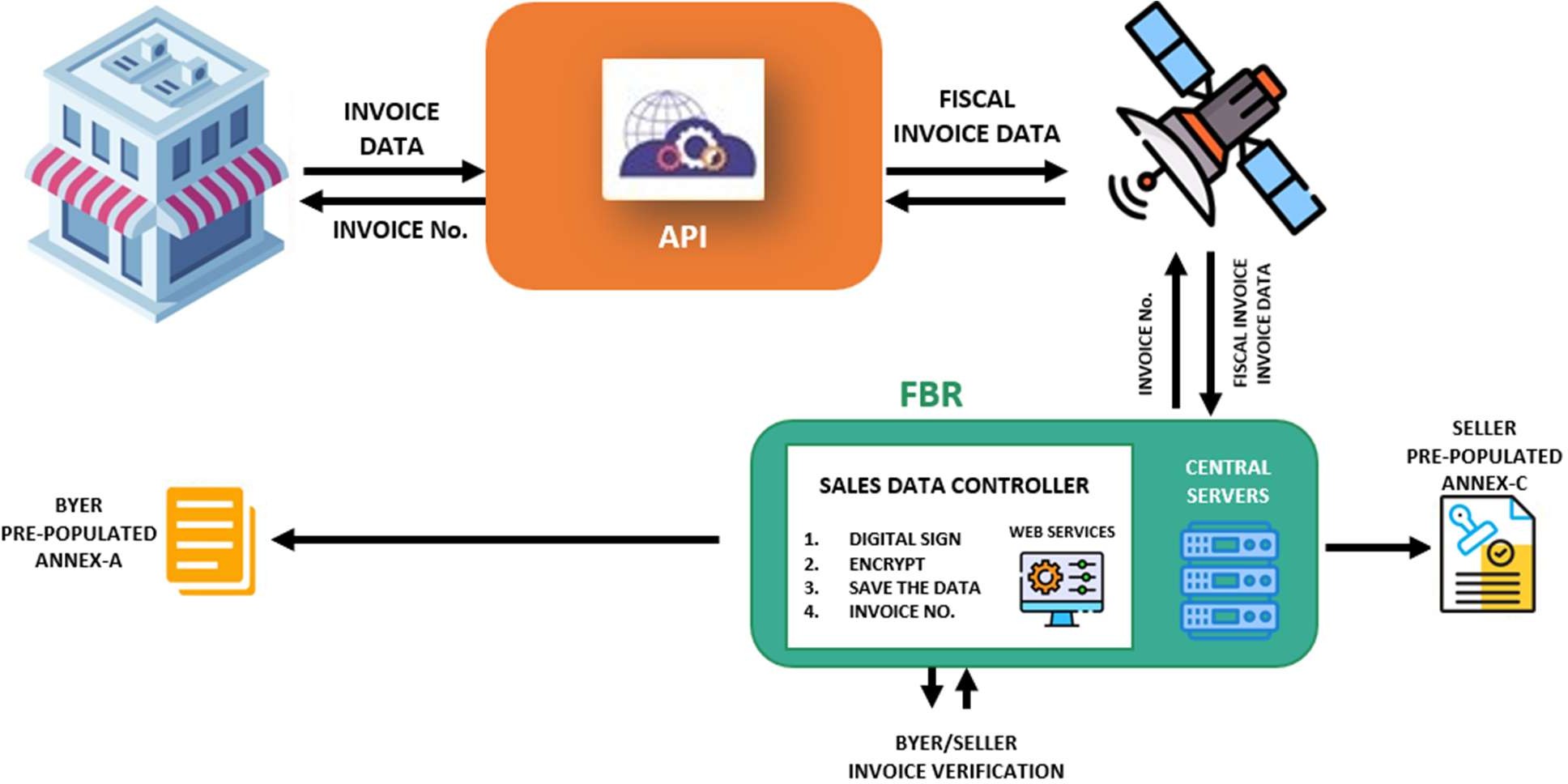
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## Purpose



The purpose of this document is to facilitate Supply Chain Operators to understand the methods for Digital Invoice Data sharing with FBR.

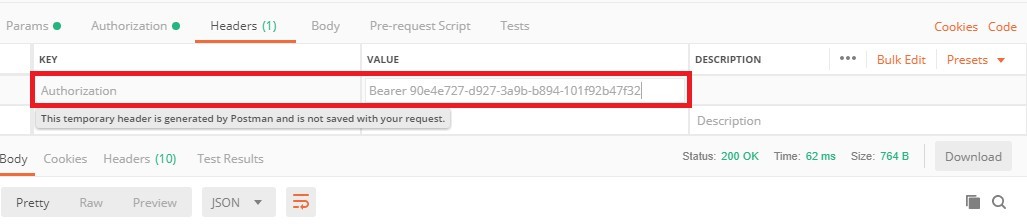
*Figure 1 - Invoice Focalization Process*

ERP or equivalent software will be integrated with FBR as per the following steps:

* Each ERP or equivalent software will register in the FBR system from which it wants to upload the invoice data.
* Taxpayers will integrate their ERP/System with FBR Digital Invoicing System as per provided details in the Section (3) Integration Steps with FBR.

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## Data Sharing Mode



Digital Invoicing sharing mode will be real-time using Web API shared by FBR. The Data Format of this service will be as per object models referred below in this document.

## Web API

This Web API resides on PRAL ESP (Enterprise Service Platform) and is exposed with methods to facilitate Digital Invoicing sharing between Supply Chain Operators and FBR.

* 1. Web API Security

This Web API is secured and will require a security token to be passed in the header of each request. This security token will be issued by PRAL and given to Supply Chain Operators along with all URLs to access the web API. This security token will have a validity of 5 Years, and a new token will be requested by the Supply Chain Operators upon expiry, and a new security token will automatically be issued to access these services.

Figure 1 below illustrates how to pass this token in the header of each request using Postman.

*Figure 2 Security Key added with the word* ***"Bearer"*** *will be passed on in Value of parameter*

***Authorization***

* 1. Web Methods Details

Web APIs expose different web methods for data sharing. The details of these web methods are as follows.

* Digital Invoicing API
* Digital Invoicing Reference APIs

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## Digital Invoicing API



* Web method for Digital Invoicing - Post
* Web method for Digital Invoicing - Validate

**Note:** DI data acquisition API URL's are mentioned in this document will remain the same for

**Sandbox** and **Production** routing will be based on the security token being used.

* 1. Web method for Digital Invoicing - Post

The first web method (postinvoicedata) will be used on a real time basis. The API consumer will have to send object model mentioned below. This method will take following parameters and will return JSON response as shown in example below.

### Sample JSON Data (For Sandbox Only):

Input Parameters of the first web method (postinvoicedata) will be as follows:

*Note: Invoice Header will only be added once in the object model.*

**Sandbox URL**: https://gw.fbr.gov.pk/di\_data/v1/di/postinvoicedata\_sb

{

"invoiceType": "Sale Invoice", "invoiceDate": "2025-04-21",

"sellerNTNCNIC": "….7 or 13 digit of seller NTN/CNIC….", "sellerBusinessName": "Company 8",

"sellerProvince": "Sindh", "sellerAddress": "Karachi",

"buyerNTNCNIC": "….7 or 13 digit of buyer NTN/CNIC….", "buyerBusinessName": "FERTILIZER MANUFAC IRS NEW", "buyerProvince": "Sindh",

"buyerAddress": "Karachi", "buyerRegistrationType": "Registered",

"invoiceRefNo": "", "scenarioId": "SN001",

"items": [

{

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"hsCode": "0101.2100",

"productDescription": "product Description", "rate": "18%",

"uoM": "Numbers, pieces, units", "quantity": 1.0000,

"totalValues": 0.00, "valueSalesExcludingST":1000.00, "fixedNotifiedValueOrRetailPrice":0.00, "salesTaxApplicable": 180.00, "salesTaxWithheldAtSource":0.00, "extraTax": 0.00,

"furtherTax": 120.00, "sroScheduleNo": "", "fedPayable": 0.00,

"discount": 0.00,

"saleType": "Goods at standard rate (default)", "sroItemSerialNo": ""

}

]

}

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### Sample JSON Data (For Production):



Input Parameters of the first web method (postinvoicedata) will be as follows:

*Note: Invoice Header will only be added once in the object model.*

**Production URL**: https://gw.fbr.gov.pk/di\_data/v1/di/postinvoicedata

{

"invoiceType": "Sale Invoice", "invoiceDate": "2025-04-21",

"sellerNTNCNIC": "….7 or 13 digit of seller NTN/CNIC….", "sellerBusinessName": "Company 8",

"sellerProvince": "Sindh", "sellerAddress": "Karachi",

"buyerNTNCNIC": "….7 or 13 digit of buyer NTN/CNIC….", "buyerBusinessName": "FERTILIZER MANUFAC IRS NEW", "buyerProvince": "Sindh",

"buyerAddress": "Karachi", "buyerRegistrationType": "Unregistered", "invoiceRefNo": "",

"items": [

{

"hsCode": "0101.2100",

"productDescription": "product Description", "rate": "18%",

"uoM": "Numbers, pieces, units", "quantity": 1.0000,

"totalValues": 0.00,

"valueSalesExcludingST": 1000.00,

"fixedNotifiedValueOrRetailPrice": 0.00,

"salesTaxApplicable": 180.00,

"salesTaxWithheldAtSource": 0.00,

"extraTax": 0.00,

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"furtherTax": 120.00, "sroScheduleNo": "SRO123", "fedPayable": 0.00,

"discount": 0.00,

"saleType": "Goods at standard rate (default)", "sroItemSerialNo": ""

}

]

}

### Invoice Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **JSON Field** | **Json Data**  **Type** | **Required** | **Sample Data** | **Description** |
| InvoiceType | string | Required | "Sale Invoice" | * Sales Invoice * Debit Note |
| invoiceDate | date | Required | "2025-04-21" | Date of Invoice  Issuance |
| sellerNTNCNIC | string | Required | "0786909" | Seller NTN/CNIC |
| sellerBusinessName | string | Required | "Company 8" | Seller Business Name |
| sellerProvince | string | Required | "Sindh" | Seller province (province from reference API 5.1) |
| sellerAddress | string | Required | "Karachi" | Seller business  Address |
| buyerNTNCNIC | string | Required (Optional in case of  Unregistered) | 1000000000000 | Buyer NTN/CNIC |
| buyerBusinessName | string | Required | "FERTILIZER MANUFAC IRS  NEW" | Buyer Business Name |
| buyerProvince | string | Required | "Sindh" | Buyer Province  (province from reference API 5.1) |
| buyerAddress | string | Required | "Karachi" | Buyer Address |
| buyeRegistrationType | string | Required | "Unregistered" | * Registered * Unregistered |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| invoiceRefNo | String | Required only in case of debit note | 7327556DI1744111990654 | Reference Invoice no for the debit note.  22 digits in case of NTN  28 digits in case of CNIC |
| scenarioId | String | Required for Sandbox only | "SN001" | Scenario ID / Number (Refer to **9. Scenarios**  **for Sandbox Testing**) |

### Invoice Items Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **JSON Field** | **Json Data**  **Type** | **required** | **sample data** | **Description** |
| hsCode | String | Required | "0101.2100" | Harmonized System (HS) Code  of the product. |
| productDescription | String | Required | "product  Description" | Details of the product or  service sold. |
| rate | String | Required | 18% | Tax Rate (ratE\_DESC from  reference API 5.8) |
| uoM | String | Required | "Numbers, pieces,  units" | Unit of Measurement (uom from reference API 5.6) |
| quantity | Number  (Decimal) | Required | 1.0000 | Quantity of the item sold |
| totalValues | Number (Decimal) | Required | 0.00 | Total Sales Value (Including Tax) |
| valueSalesExcludingST | Number  (Decimal) | Required | 1000.00 | Sales Value Excluding sales tax |
| fixedNotifiedValueOrRetailPrice | Number (Decimal) | Required | 0.00 | Notified fixed price or retail  price, (Item Based) |
| salesTaxApplicable | Number (Decimal) | Required | 180.00 | Amount of Sales Tax/ FED in sales tax mode  (Excluding Further & Extra tax) |
| salesTaxWithheldAtSource | Number  (Decimal) | Required | 0.00 | Sales Tax Withheld at source |
| extraTax | Number  (Decimal) | Optional | 0.00 | Any Extra Tax (if applicable) |
| furtherTax | Number  (Decimal) | Optional | 120.00 | Further Tax (if applicable) |
| sroScheduleNo | String | Optional | "SRO123" | SRO Schedule No |
| fedPayable | Number  (Decimal) | Optional | 0.00 | Federal excise duty payable |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| discount | Number  (Decimal) | Optional | 70.00 | Any Discount (if applicable) |
| saleType | String | Required | "Goods at standard rate  (default)" | Type of Sale |
| sroItemSerialNo | String | Optional | "" | Item serial number in SRO |

### Sample JSON Valid Response:

{

"invoiceNumber": "7000007DI1747119701593", "dated": "2025-05-13 12:01:41",

"validationResponse": { "statusCode": "00",

"status": "Valid",

"error": "", "invoiceStatuses": [

{

"itemSNo": "1",

"statusCode": "00",

"status": "Valid",

"invoiceNo": "7000007DI1747119701593-1",

"errorCode": "",

"error": ""

}

]

}

}

### Sample JSON Invalid Response 1:



{

"dated": "2025-05-13 13:09:05",

"validationResponse": { "statusCode": "01",

"status": "Invalid",

"errorCode": "0052",

"error": "Provide proper HS Code with invoice no. null", "invoiceStatuses": **null**

}

}

### Sample JSON Invalid Response 2:

{

"dated": "2025-05-13 13:10:00",

"validationResponse": { "statusCode": "00",

"status": "invalid",

"error": "", "invoiceStatuses": [

{

"itemSNo": "1",

"statusCode": "01",

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"status": "Invalid", "invoiceNo": **null**, "errorCode": "0046", "error": "Provide rate."

}

]

}

}

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Message** |
| 1. | Invoice Number | Invoice Number issued by FBR System |
| 2. | Status Code | 00 – Valid  01 – Invalid |
| 3. | Exception | Details of the errors |
| 4. | Invoice Status | Item Serial Number  Statuscode (00 valid, 01 Invalid) Status (“Valid or invalid)  Invoice Number (Invoice Number Issued by FBR System)  Error Code  Remarks: |

### HTTP Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

* 1. Web method for Digital Invoicing - Validate



The second web method (validateinvoicedata) will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

### Sample JSON Data (For Sandbox Only):

Input Parameters of the first web method validate) will be as follows:

*Note: Invoice Header will only be added once in the object model.*

**Sandbox URL**: https://gw.fbr.gov.pk/di\_data/v1/di/validateinvoicedata\_sb

{

"invoiceType": "Sale Invoice", "invoiceDate": "2025-04-21",

"sellerNTNCNIC": "….7 or 13 digit of seller NTN/CNIC….", "sellerBusinessName": "Company 8",

"sellerProvince": "Sindh", "sellerAddress": "Karachi",

"buyerNTNCNIC": "….7 or 13 digit of buyer NTN/CNIC….", "buyerBusinessName": "FERTILIZER MANUFAC IRS NEW", "buyerProvince": "Sindh",

"buyerAddress": "Karachi", "buyerRegistrationType": "Registered",

"invoiceRefNo": "", "scenarioId": "SN001",

"items": [

{

"hsCode": "0101.2100",

"productDescription": "product Description", "rate": "18%",

"uoM": "Numbers, pieces, units",

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"quantity": 1.0000,



"totalValues": 0.00, "valueSalesExcludingST":1000.00, "fixedNotifiedValueOrRetailPrice":0.00, "salesTaxApplicable": 180.00, "salesTaxWithheldAtSource":0.00, "extraTax": 0.00,

"furtherTax": 120.00, "sroScheduleNo": "", "fedPayable": 0.00,

"discount": 0.00,

"saleType": "Goods at standard rate (default)", "sroItemSerialNo": ""

}

]

}

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### Sample JSON Data (For Production):



Input Parameters of the first web method validate) will be as follows:

*Note: Invoice Header will only be added once in the object model.*

**Production URL**: https://gw.fbr.gov.pk/di\_data/v1/di/validateinvoicedata

{

"invoiceType": "Sale Invoice", "invoiceDate": "2025-04-21",

"sellerNTNCNIC": "….7 or 13 digit of seller NTN/CNIC….", "sellerBusinessName": "Company 8",

"sellerProvince": "Sindh", "sellerAddress": "Karachi",

"buyerNTNCNIC": "….7 or 13 digit of buyer NTN/CNIC….", "buyerBusinessName": "FERTILIZER MANUFAC IRS NEW", "buyerProvince": "Sindh",

"buyerAddress": "Karachi", "buyerRegistrationType": "Unregistered", "invoiceRefNo": "",

"items": [

{

"hsCode": "0101.2100",

"productDescription": "product Description", "rate": "18%",

"uoM": "Numbers, pieces, units", "quantity": 1.0000,

"totalValues": 0.00,

"valueSalesExcludingST": 1000.00,

"fixedNotifiedValueOrRetailPrice": 0.00,

"salesTaxApplicable": 180.00,

"salesTaxWithheldAtSource": 0.00,

"extraTax": 0.00,

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"furtherTax": 120.00, "sroScheduleNo": "SRO123", "fedPayable": 0.00,

"discount": 0.00,

"saleType": "Goods at standard rate (default)", "sroItemSerialNo": ""

}

]

}

### Invoice Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **JSON Field** | **Json Data**  **Type** | **Required** | **Sample Data** | **Description** |
| InvoiceType | string | Required | "Sale Invoice" | * Sales Invoice * Debit Note |
| invoiceDate | date | Required | "2025-04-21" | Date of Invoice  Issuance |
| sellerNTNCNIC | string | Required | "0786909" | Seller NTN/CNIC |
| sellerBusinessName | string | Required | "Company 8" | Seller Business Name |
| sellerProvince | string | Required | "Sindh" | Seller province (province from reference API 5.1) |
| sellerAddress | string | Required | "Karachi" | Seller business  Address |
| buyerNTNCNIC | string | Required (Optional in case of  Unregistered) | 1000000000000 | Buyer NTN/CNIC |
| buyerBusinessName | string | Required | "FERTILIZER MANUFAC IRS  NEW" | Buyer Business Name |
| buyerProvince | string | Required | "Sindh" | Buyer Province  (province from reference API 5.1) |
| buyerAddress | string | Required | "Karachi" | Buyer Address |
| buyeRegistrationType | string | Required | "Unregistered" | * Registered * Unregistered |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| invoiceRefNo | String | Required only in case of debit note | 7327556DI1744111990654 | Reference Invoice no for the debit note.  22 digits in case of NTN  28 digits in case of CNIC |
| scenarioId | String | Required for Sandbox only | "SN001" | Scenario ID / Number (Refer to **9. Scenarios**  **for Sandbox Testing**) |

### Invoice Items Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **JSON Field** | **Json Data**  **Type** | **required** | **sample data** | **Description** |
| hsCode | String | Required | "0101.2100" | Harmonized System (HS) Code  of the product. |
| productDescription | String | Required | "product  Description" | Details of the product or  service sold. |
| rate | String | Required | 18% | Tax Rate (ratE\_DESC from  reference API 5.8) |
| uoM | String | Required | "Numbers, pieces,  units" | Unit of Measurement (uom from reference API 5.6) |
| quantity | Number  (Decimal) | Required | 1.0000 | Quantity of the item sold |
| totalValues | Number (Decimal) | Required | 0.00 | Total Sales Value (Including Tax) |
| valueSalesExcludingST | Number  (Decimal) | Required | 1000.00 | Sales Value Excluding sales tax |
| fixedNotifiedValueOrRetailPrice | Number (Decimal) | Required | 0.00 | Notified fixed price or retail  price, (Item Based) |
| salesTaxApplicable | Number (Decimal) | Required | 180.00 | Amount of Sales Tax/ FED in sales tax mode  (Excluding Further & Extra tax) |
| salesTaxWithheldAtSource | Number  (Decimal) | Required | 0.00 | Sales Tax Withheld at source |
| extraTax | Number  (Decimal) | Optional | 0.00 | Any Extra Tax (if applicable) |
| furtherTax | Number  (Decimal) | Optional | 120.00 | Further Tax (if applicable) |
| sroScheduleNo | String | Optional | "SRO123" | SRO Schedule No |
| fedPayable | Number  (Decimal) | Optional | 0.00 | Federal excise duty payable |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| discount | Number  (Decimal) | Optional | 70.00 | Any Discount (if applicable) |
| saleType | String | Required | "Goods at standard rate  (default)" | Type of Sale |
| sroItemSerialNo | String | Optional | "" | Item serial number in SRO |

### Sample Json Response (In Case of Valid):

{

"dated": "2025-05-13 13:13:07",

"validationResponse": { "statusCode": "00",

"status": "Valid", "errorCode": **null**, "error": "",

"invoiceStatuses": [

{

"itemSNo": "1",

"statusCode": "00",

"status": "Valid", "errorCode": **null**,

"error": ""

}

]

}

}



### Sample Json Response (In Case of Invalid):

{

"dated": "2025-05-13 13:13:54",

"validationResponse": { "statusCode": "00",

"status": "Invalid", "errorCode": **null**, "error": "", "invoiceStatuses": [

{

"itemSNo": "1",

"statusCode": "01",

"status": "Invalid",

"errorCode": "0046", "error": "Provide rate."

}

]

}

}

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|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Message** |
| 1. | Status Code | 00 - Valid  01 – Invalid |
| 2. | Exception | Details of the errors |
| 3. | Invoice Status | Item Serial Number  Statuscode (00 valid, 01 Invalid) Status (“Valid or invalid)  Invoice Number (Invoice Number Issued by FBR System)  Error Code  Remarks: |

* + 1. **Http Status Codes:**

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

## Digital Invoicing Reference APIs

* Web method for Digital Invoicing – Province Code
* Web method for Digital Invoicing – Document Type
* Web method for Digital Invoicing – Item Code
* Web method for Digital Invoicing – SRO item ID
* Web method for Digital Invoicing – Transaction Type ID
* Web method for Digital Invoicing – UOM ID
* Web method for Digital Invoicing – SRO ID
* Web method for Digital Invoicing – Sale Type To Rate
* Web method for Digital Invoicing – HS\_UOM
* Web method for Digital Invoicing – SRO item ID
* Web method for Digital Invoicing – STATL
* Web method for Digital Invoicing – STATL (Get\_Reg\_Type)

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* 1. Web method for Digital Invoicing – Province Code

This Web method (provinces) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/provinces

### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[ {

"stateProvinceCode": 7, "stateProvinceDesc": "PUNJAB"

},

{

"stateProvinceCode": 8, "stateProvinceDesc": "SINDH"

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | StateprovinceCode | Province code |
| 2. | stateprovinceDesc | Description on the province |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

* 1. Web method for Digital Invoicing – Document Type ID

This Web method (doctypecode) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/doctypecode

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### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[{

"docTypeId": 4, "docDescription": "Sale Invoice"

},

{

"docTypeId": 9, "docDescription": "Debit Note"

}]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | docTypeId | Id for the document type |
| 2. | docDescription | Description of the document type |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – Item Code

This Web method (itemdesccode) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/itemdesccode

### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[{

"hS\_CODE": "8432.1010",

"description": "NUCLEAR REACTOR, BOILERS, MACHINERY AND MECHANICAL APPLIANCES; PARTS THEREOF. - AGRICULTURAL, HORTICULTURAL OR FORESTRY MACHINERY FOR SOIL PREPARATION OR CULTI- VATION; LAWN OR SPORTS GROUND ROLLERS. - CHISEL PLOUGHS"

},

{

"hS\_CODE": "0304.7400",

"description": "FISH AND CRUSTACEANS, MOLLUSCS AND OTHER AQUATIC INVERTEBRATES - FISH FILLETS AND OTHER FISH MEAT (WHETHER OR NOT MINCED), FRESH, CHILLED OR FROZEN. - HAKE (MERLUCCIUS SPP., UROPHYCIS SPP.)"

}]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | Hs\_Code | HS Code |
| 2. | description | Description of the HSCode |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – SRO Item ID

This Web method (sroitemcode) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/sroitemcode

### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[

{

"srO\_ITEM\_ID": 724,

"srO\_ITEM\_DESC": "9"

},

{

"srO\_ITEM\_ID": 728,

"srO\_ITEM\_DESC": "1"

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | Sro\_ITEM\_ID | SRO item id |
| 2. | srO\_ITEM\_DESC | SRO Item Description |
|  |  |  |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – Transaction Type ID

This Web method (transtypecode) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/transtypecode

### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[

{

"transactioN\_TYPE\_ID": 82, "transactioN\_DESC": "DTRE goods"

},

{

"transactioN\_TYPE\_ID": 87,

"transactioN\_DESC": "Special procedure cottonseed"

},

{

"transactioN\_TYPE\_ID": 111,

"transactioN\_DESC": "Electricity Supplied to marble/granite

industry"

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | transactioN\_TYPE\_ID | Transaction type id |
| 2. | transaction\_DESC | Description of the transaction type |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – ID of the UOM

This Web method (uom) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/uom

### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[

{

"uoM\_ID": 77,

"description": "Square Metre"

},

{

"uoM\_ID": 13,

"description": "KG"

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | UOM\_ID | ID of the UOM |
| 2. | Description | Description of the UOM |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – SRO Schedule

This Web method (srosched) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v1/SroSchedule?rate\_id=413&date=04-Feb- 2024&origination\_supplier\_csv=1

### Sample JSON Data:

API requires no request input.

### Sample Json Response:

[

{

"srO\_ID": 7,

"srO\_DESC": "Zero Rated Gas"

},

{

"srO\_ID": 8,

"srO\_DESC": "5th Schedule"

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | SRO\_ID | ID of the SRO |
| 2. | srO\_DESC | Description of the SRO |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – ID of The Rate

This Web method (SaleTypeToRate) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v2/SaleTypeToRate?date=24-Feb- 2024&transTypeId=18&originationSupplier=1

### Sample JSON Data:

API requires the following input as a query string.

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | date | Date |
| 2. | transTypeId | ID of the transaction type |
| 3. | originationSuppl | Province ID |

### Sample Json Response:

[

{

"ratE\_ID": 734,

"ratE\_DESC": "18% along with rupees 60 per kilogram", "ratE\_VALUE": 18

}

,

{

"ratE\_ID": 280,

"ratE\_DESC": "0%",

"ratE\_VALUE": 0

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | Rate\_ID | ID of the rate |
| 2. | rate\_DESC | Description of the rate |
| 3. | Rate\_VALUE | Value of the rate |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – HS Code with UOM

This Web method (HS\_UOM) HTTP method Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v2/HS\_UOM?hs\_code=5904.9000&annexure\_id=3

### Sample JSON Data:

API requires the following input as a query string.

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | Hs\_code | HS code |
| 2. | Annexureid | Sales annexure id |

### Sample Json Response:

[

{

"uoM\_ID": 77,

"description": "Square Meter"

}

]

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | uoM\_ID | ID of the unit of measure |
| 2. | description | Description of the unit of measure |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

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* 1. Web method for Digital Invoicing – SRO Item ID

This Web method (SROItem) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/pdi/v2/SROItem?date=2025-03-25&sro\_id=389

### Sample JSON Data:

API requires the following input as a query string.

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | Date | Date |
| 2. | Sro\_id | Sro id |

### Sample Json Response:

[

{

"srO\_ITEM\_ID": 17853,

"srO\_ITEM\_DESC": "50"

},

{

"srO\_ITEM\_ID": 17854,

"srO\_ITEM\_DESC": "51"

}

]

|  |  |  |
| --- | --- | --- |
| **S. No** | **Field** | **Description** |
| 1. | Sro\_ITEM\_ID | Item id |
| 2. | Sro\_ITEM\_DESC | Description of the Item |

### Http Status Codes:

|  |  |  |
| --- | --- | --- |
| **S. No** | **Status Code** | **Message** |
| 1. | 200 | Ok |
| 2. | 401 | Unauthorized |
| 3. | 500 | Internal Server Error (Contact Administrator) |

* 1. Web method for Digital Invoicing – STATL



This Web method (statl) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/dist/v1/statl

### Sample JSON Request:

**Request:** {"regno":"0788762","date":"2025-05-18"}

### Response:

{

"status code": "01",

"status": "In-Active"

}

### or

{

"status code": "02",

"status": "In-Active"

}

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* 1. Web method for Digital Invoicing – STATL



This Web method (Get\_Reg\_Type) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: https://gw.fbr.gov.pk/dist/v1/Get\_Reg\_Type

### Sample JSON Request:

{"Registration\_No":"0788762"}

**Response:**

{

"statuscode": "01",

"REGISTRATION\_NO": "0788762",

"REGISTRATION\_TYPE": "unregistered"

}

or

{

"statuscode": "00",

"REGISTRATION\_NO": "0788762",

"REGISTRATION\_TYPE": "Registered"

}

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## Digital Invoicing Logo & QR Code Printing



The below Digital Invoicing System logo and QR code must be printed on each invoice issued by the taxpayers.

*Ensure the following specifications for QR Code Printing:*

***QR Code Version:*** *2.0 (25×25)*

***QR Code Dimensions:*** *1.0 x 1.0 Inch.*

*Use FBR Digital Invoicing System image to print on receipts*

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# Sales Error Codes

|  |  |  |
| --- | --- | --- |
| **MESSAGE CODE** | **MESSAGE\_DESC** | **BRIEF\_MSG\_DESC** |
| 0001 | Seller not registered for sales tax, please provide valid  registration/NTN. | Seller is not registered for sales tax, please provide valid seller registration/NTN. |
| 0002 | Invalid Buyer Registration No or NTN  : | Buyer Registration Number or NTN is not in proper  format, please provide buyer registration number in 13 digits or NTN in 7 or 9 digits |
| 0003 | Provide proper invoice type. | Invoice type is not valid or empty, please provide valid invoice type |
| 0005 | please provide date in valid format 01-DEC-2021 | Invoice date is not in proper format, please provide invoice date in "YYYY-MM-DD" format. For example:  2025-05-25 |
| 0006 | Sale invoice not exist. | Sales invoice does not exist against STWH |
| 0007 | Wrong Sale type is selected with  invoice no (Invoice no) | Selected invoice type is not associated with proper  registration number, please select actual invoice type |
| 0008 | ST withheld at source should either be zero or same as sales tax/fed in st  mode. | ST withheld at source is not equal to zero or sales tax, please enter ST withheld at source zero or equal to  sales tax |
| 0009 | Provide Buyer registration No. | Buyer Registration Number cannot be empty, please provide proper buyer registration number |
| 0010 | Provide Buyer Name. | Buyer Name cannot be empty, please provide valid buyer name |
| 0012 | Provide Buyer Registration Type | Buyer Registration type cannot be empty, please provide valid Buyer Registration type |
| 0011 | Provide invoice type. | Invoice type cannot be empty, please provide valid invoice type |
| 0013 | Provide valid Sale type. | Sale type cannot be empty/null, please provide valid sale type |
| 0018 | Please provide Sales Tax/FED in ST Mode | Sales Tax/FED cannot be empty, please valid provide Sales Tax/FED |
| 0019 | Please provide HSCode | HS Code cannot be empty, please provide valid HS Code |
| 0020 | Please provide Rate | Rate field cannot be empty, please provide Rate |
| 0021 | Please provide Value of Sales Excl. ST  /Quantity | Value of Sales Excl. ST /Quantity cannot be empty, Please provide valid Value of Sales Excl. ST /Quantity |

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|  |  |  |
| --- | --- | --- |
| 0022 | Please provide ST withheld at Source or STS Withheld | ST withheld at Source or STS Withheld cannot be empty, Please provide valid ST withheld at Source or  STS Withheld |
| 0023 | Please provide Sales Tax | Sales Tax cannot be empty, Please provide valid Sales Tax |
| 0024 | Please provide ST withheld | Sales Tax withheld cannot be empty, Please provide valid Sales Tax withheld |
| 0026 | Invoice Reference No. is required. | Invoice Reference No. is mandatory requirement for debit/credit note. Please provide valid Invoice Reference No. |
| 0027 | Reason is required. | Reason is mandatory requirement for debit/credit note. Please provide valid reason for debit/credit note |
| 0028 | Reason Remarks are required. | Reason is selected as "Others". Please provide valid remarks against this reason |
| 0029 | Invoice date must be greater or equal to original invoice no. | Debit/Credit note date should be equal or greater from original invoice date |
| 0030 | Unregistered distributer type not allowed before date | Unregistered distributer type not allowed before system cut of date |
| 0031 | Provide Sales Tax | Sales Tax is not mentioned, please provide Sales Tax |
| 0032 | STWH can only be created for GOV/FTN Holders. | User is not FTN holder, STWH can only be created for GOV/FTN Holders without sales invoice. |
| 0034 | {0} only allowed within {1} days of invoice date of the original invoice | Debit/Credit note can only be added within 180 days of original invoice date |
| 0035 | {0} date must be greater or equal to original invoice date. | Note Date must be greater or equal to original invoice date |
| 0036 | Total {1} value of {0} invoice(s) is greater than {1} of original invoice. Value of Sales | Credit Note Value of Sale must be less or equal to the value of Sale in original invoice. |
| 0037 | Total {1} value of {0} invoice(s) is greater than {1} of original invoice.ST  Withheld as WH Agent | Credit Note Value of ST Withheld must be less or equal to the value of ST Withheld in original invoice. |
| 0039 | Sale invoice not exist. | For registered users, STWH invoice fields must be same as sale invoice |
| 0041 | Provide invoice No. | Invoice number cannot be empty, please provide invoice number. |

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|  |  |  |
| --- | --- | --- |
| 0042 | Provide invoice date. | Invoice date cannot be empty, please provide invoice date. |
| 0043 | Provide valid Date. | Invoice date is not valid, please provide valid invoice date. |
| 0044 | Provide HS Code. | HS Code cannot be empty, please provide HS Code |
| 0046 | Provide rate. | Rate cannot be empty, please provide valid rate as per selected Sales Type. |
| 0050 | Please provide valid Sales Tax withheld. For sale type 'Cotton ginners', Sales Tax Withheld must be  equal to Sales Tax or zero | Please provide valid Sales Tax withheld. For sale type 'Cotton ginners', Sales Tax Withheld must be equal to Sales Tax or zero |
| 0052 | Please provide valid HS Code against invoice no: | HS Code that does not match with provided sale type, Please provide valid HS Code against sale type |
| 0053 | Provided buyer registration type is invalid | Buyer Registration Type is invalid, please provide valid Buyer Registration Type |
| 0055 | Please Provide ST Withheld as WH Agent | Sales tax withheld cannot be empty or invalid format. Please provide valid sales tax withheld. |
| 0056 | Buyer not exists in steel sector. | Buyer does not exist in steel sector |
| 0057 | Reference Invoice does not exist. | Reference invoice for debit/ credit note does not exists. Please provide valid Invoice Reference No. |
| 0058 | Self-invoicing not allowed | Buyer and Seller Registration number are same, this type of invoice is not allowed |
| 0064 | Reference invoice already exist. | Credit note is already added to a invoice |
| 0067 | {1} of {0} invoice is greater than {1} of original invoice. | Sales Tax value of Debit Note is greater than original invoice's sales tax |
| 0068 | {1} of {0} invoice is less than {1} of original invoice. | Sales Tax value of Credit Note is less than original invoice's sales tax according to the rate. |
| 0070 | STWH cannot be created for unregistered buyers. | User is not registered, STWH is allowed only for registered user |
| 0071 | Entry of {0} against the declared invoice is not allowed. | Credit note allowed to add only for specific users |
| 0073 | Provide Sale Origination Province of Supplier | Sale Origination Province of Supplier cannot be empty, please provide valid Sale Origination Province of Supplier. |
| 0074 | Provide Destination of Supply | Destination of Supply cannot be empty, please provide valid Destination of Supply |

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|  |  |  |
| --- | --- | --- |
| 0077 | Provide SRO/Schedule No. | SRO/Schedule Number cannot be empty, please provide valid SRO/Schedule Number |
| 0078 | Provide Item Sr. No. | Item serial number cannot be empty, please provide valid item serial number |
| 0079 | If Value of Sales Excl. ST greater than  {0}. Rate {1} not allowed. | If sales value is greater than 20,000 than rate 5% is not allowed |
| 0080 | Please provide Further Tax | Further Tax' cannot be empty, please provide valid Further Tax |
| 0081 | Please provide Input Credit not  Allowed | 'Input Credit not Allowed' cannot be empty, please  provide ‘Input Credit not Allowed' |
| 0082 | The Seller is not registered for sales tax. Please provide a valid  registration/NTN. | The Seller is not registered for sales tax. Please provide a valid registration/NTN. |
| 0083 | Mismatch Seller Registration No. | Seller Reg No. doesn’t match. Please provide valid Seller Registration Number |
| 0085 | Please provide Total Value of Sales (In case of PFAD only) | Total Value of Sales is not provided, please provide valid Total Value of Sales (In case of PFAD only) |
| 0086 | You are not an EFS license holder who has imported Compressor Scrap in the last 12 months. | You are not an EFS license holder who has imported Compressor Scrap in the last 12 months. |
| 0087 | Petroleum Levy rates not configured properly. | Petroleum Levy rates not configured properly. Please update levy rates properly |
| 0088 | Alphanumeric and (-) contained invoice No. is allowed. (-) should be  in between Alphanumeric string. | Invoice number is not valid, please provide valid invoice number in alphanumeric format. For example:  Inv-001 |
| 0089 | Please provide FED Charged | FED Charged cannot be empty, please provide valid FED Charged |
| 0090 | Please provide Fixed / notified value or Retail Price | Fixed / notified value or Retail Price cannot be empty, please provide valid Fixed / notified value or Retail Price |
| 0091 | Extra tax must be empty. | Extra tax must be empty. |
| 0092 | Provide Valid Sale Type. | Purchase type cannot be empty, please provide valid purchase type |
| 0093 | Selected Sale Type are not allowed to Manufacturer. | Selected Sale is are not allowed to Manufacturer. Please select proper sale type |
| 0095 | Please provide Extra Tax | Extra Tax cannot be empty, please provide valid extra tax |

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|  |  |  |
| --- | --- | --- |
| 0096 | For selected HSCode only KWH UOM is allowed. | For provided HS Code, only KWH UOM is allowed |
| 0097 | Provide UOM KG. | Please provide UOM in KG |
| 0098 | Please provide Quantity / Electricity Units | Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit |
| 0099 | Provide uom. | UOM is not valid. UOM must be according to given HS Code |
| 0100 | Cotton Ginners allowed against registered buyers only. | Registered user cannot add sale invoice. Only cotton ginner sale type is allowed for registered users. |
| 0101 | Please Use Toll Manufacturing Sale Type for Steel Sector. | Sale type is not selected properly, please use Toll Manufacturing Sale Type for Steel Sector. |
| 0102 | Calculated tax not matched in 3rd schedule | The calculated sales tax not calculated as per 3rd schedule calculation formula |
| 0103 | The calculated tax for Potassium Chlorate does not match. | Calculated tax not matched for potassium chlorate. Calculated value doesn’t match according to  potassium chlorate for sales potassium invoices. |
| 0104 | The calculated percentage sales tax does not match. | Calculated percentage of sales tax not matched.  Calculation must be correct with respect to provided rate |
| 0105 | The calculated sales tax for the quantity is incorrect. | The calculated sales tax for the quantity is incorrect. |
| 0106 | The Buyer is not registered for sales  tax. Please provide a valid registration/NTN. | The Buyer is not registered for sales tax. Please provide a valid registration/NTN. |
| 0107 | Mismatch Buyer Registration No. | Buyer Reg No. doesn’t match. Please provide valid Buyer Registration Number |
| 0108 | Invalid Seller Registration No or NTN | Seller Reg No. is not valid. Please provide valid Seller Registration Number/NTN |
| 0109 | Wrong invoice type is selected in invoice no | Invoice type is not selected properly, please select proper invoice type |
| 0111 | Wrong purchase type is selected with invoice no | Purchase type is not selected properly, please provide proper purchase type |
| 0113 | System is unable to parse date. Please provide date in valid format  dd-MMM-yy. | Date is not in proper format, please provide date in "YYYY-MM-DD" format. For example: 2025-05-25 |
| 0300 | Provided decimal value is not valid at field | Discount Value is not valid at item 1 | Total Value is not valid at item 1 | Fed Payable Value is not valid at item 1 | Extra Tax Value is not valid at item 1 | Further Tax Value is not valid at item 1 | SalesTaxWithheldAtSource Value is not valid at item 1  | Quantity Value is not valid at item 1 |

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|  |  |  |
| --- | --- | --- |
| 0401 | The provided seller NTN/CNIC does not have a valid or authorized access token | Unauthorized access: Provided seller registration number is not 13 digits (CNIC) or 7 digits (NTN) or the authorized token does not exist against seller  registration number |
| 0402 | The provided buyer NTN/CNIC does not have a valid or authorized access token | Unauthorized access: Provided buyer registration number is not 13 digits (CNIC) or 7 digits (NTN) or the authorized token does not exist against buyer  registration number |

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# Purchase Error Codes

|  |  |  |
| --- | --- | --- |
| **MESSAGE CODE** | **MESSAGE\_DESC** | **BRIEF\_MSG\_DESC** |
| 0156 | Invalid NTN / Reg No. provided. | NTN/Reg. No is invalid/Null, please provide valid NTN/Reg. No. |
| 0157 | The Buyer is not registered for sales tax. Please provide a valid registration/NTN. | The Buyer is not registered for sales tax. Please provide valid Registration/NTN. |
| 0158 | Mismatch Buyer Registration No. | Buyer Reg No. doesn’t match. Please provide valid  Buyer Registration Number |
| 0159 | FTN holder as seller not allowed for purchases. | FTN Holder as Seller is not allowed for purchases |
| 0160 | Provide Buyer Name. | Buyer Name cannot be empty, please provide valid buyer name |
| 0161 | Invoice Date must be greater or equal to {0} | Invoice Date must be greater or equal to original sale invoice date |
| 0162 | Provide Sale Type. | Sale Type cannot be empty/Invalid, please provide valid Sale Type |
| 0163 | Selected Sale Type are not allowed to Manufacturer. | Provided Sale Type is not allowed for Manufacturer. |
| 0164 | For selected HSCode only KWH UOM is allowed. | For provided HS Code, only KWH UOM is allowed |
| 0165 | Provide UOM KG. | Please provide UOM in KG |
| 0166 | Please provide Quantity / Electricity Units | Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit |
| 0167 | Provide Value of Sales Excl. ST | Value of Sales Excl. ST cannot be empty/Invalid, please provide valid Value of Sales Excl. ST |
| 0168 | Cotton Ginners allowed against registered buyers only. | Only cotton ginner purchase type is allowed for registered users. |
| 0169 | STWH can only be created for GOV/FTN Holders. | User is not FTN holder, STWH can only be created for GOV/FTN Holders without purchase invoice. |
| 0170 | If Value of Sales Excl. ST greater than  {0}. Rate {1} not allowed. | If Value of Sales Excl. ST greater than 20000 than rate  5% is not allowed. |
| 0171 | You are not an EFS license holder  who has imported Compressor Scrap in the last 12 months. | You are not an EFS license holder who has imported Compressor Scrap in the last 12 months. |

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|  |  |  |
| --- | --- | --- |
| 0172 | Petroleum Levy rates not configured properly. | Petroleum Levy rates not configured properly. Please update levy rates properly |
| 0173 | Alphanumeric and (-) contained invoice No. is allowed. (-) should be  in between Alphanumeric string. | Invoice number is not valid, please provide valid invoice number in alphanumeric format. For example:  Inv-001 |
| 0174 | Please provide Sales Tax | Sales Tax cannot be empty, please provide valid Sales Tax |
| 0175 | Please provide Fixed / notified value or Retail Price | Fixed / notified value or Retail Price cannot be empty,  please provide valid Fixed / notified value or Retail Price |
| 0176 | Please provide ST withheld at Source | ST withheld at Source cannot be empty, please provide valid ST withheld at Source |
| 0177 | Please provide Further Tax | Further Tax cannot be empty, please provide valid further tax |
| 0156 | Invalid NTN / Reg No. provided. | NTN/Reg. No is invalid/Null, please provide valid NTN/Reg. No. |
| 0157 | The Buyer is not registered for sales tax. Please provide a valid  registration/NTN.. | The Buyer is not registered for sales tax. Please provide valid Registration/NTN. |
| 0158 | Mismatch Buyer Registration No. | Buyer Reg No. doesn’t match. Please provide valid Buyer Registration Number |
| 0159 | FTN holder as seller not allowed for purchases. | FTN Holder as Seller is not allowed for purchases |
| 0160 | Provide Buyer Name. | Buyer Name cannot be empty, please provide valid buyer name |
| 0161 | Invoice Date must be greater or equal to {0} | Invoice Date must be greater or equal to original sale invoice date |
| 0162 | Provide Sale Type. | Sale Type cannot be empty/Invalid, please provide valid Sale Type |
| 0163 | Selected Sale Type are not allowed to Manufacturer. | Provided Sale Type is not allowed for Manufacturer. |
| 0164 | For selected HSCode only KWH UOM is allowed. | For provided HS Code, only KWH UOM is allowed |
| 0165 | Provide UOM KG. | Please provide UOM in KG |

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|  |  |  |
| --- | --- | --- |
| 0166 | Please provide Quantity / Electricity Units | Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit |
| 0167 | Provide Value of Sales Excl. ST | Value of Sales Excl. ST cannot be empty/Invalid, please provide valid Value of Sales Excl. ST |
| 0168 | Cotton Ginners allowed against registered buyers only. | Only cotton ginner purchase type is allowed for registered users. |
| 0169 | STWH can only be created for GOV/FTN Holders. | User is not FTN holder, STWH can only be created for GOV/FTN Holders without purchase invoice. |
| 0170 | If Value of Sales Excl. ST greater than  {0}. Rate {1} not allowed. | If Value of Sales Excl. ST greater than 20000 than rate 5% is not allowed. |
| 0171 | You are not an EFS license holder who has imported Compressor Scrap  in the last 12 months. | You are not an EFS license holder who has imported Compressor Scrap in the last 12 months. |
| 0172 | Petroleum Levy rates not configured properly. | Petroleum Levy rates not configured properly. Please update levy rates properly |
| 0173 | Alphanumeric and (-) contained invoice No. is allowed. (-) should be  in between Alphanumeric string. | Invoice number is not valid, please provide valid invoice number in alphanumeric format. For example:  Inv-001 |
| 0174 | Please provide Sales Tax | Sales Tax cannot be empty, please provide valid Sales Tax |
| 0175 | Please provide Fixed / notified value or Retail Price | Fixed / notified value or Retail Price cannot be empty, please provide valid Fixed / notified value or Retail Price |
| 0176 | Please provide ST withheld at Source | ST withheld at Source cannot be empty, please provide valid ST withheld at Source |
| 0177 | Please provide Further Tax | Further Tax cannot be empty, please provide valid further tax |
| 0156 | Invalid NTN / Reg No. provided. | NTN/Reg. No is invalid/Null, please provide valid NTN/Reg. No. |
| 0157 | The Buyer is not registered for sales tax. Please provide a valid registration/NTN.. | The Buyer is not registered for sales tax. Please provide valid Registration/NTN. |
| 0158 | Mismatch Buyer Registration No. | Buyer Reg No. doesn’t match. Please provide valid Buyer Registration Number |
| 0159 | FTN holder as seller not allowed for purchases. | FTN Holder as Seller is not allowed for purchases |

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|  |  |  |
| --- | --- | --- |
| 0160 | Provide Buyer Name. | Buyer Name cannot be empty, please provide valid buyer name |
| 0161 | Invoice Date must be greater or equal to {0} | Invoice Date must be greater or equal to original sale invoice date |
| 0162 | Provide Sale Type. | Sale Type cannot be empty/Invalid, please provide valid Sale Type |
| 0163 | Selected Sale Type are not allowed to Manufacturer. | Provided Sale Type is not allowed for Manufacturer. |
| 0164 | For selected HSCode only KWH UOM is allowed. | For provided HS Code, only KWH UOM is allowed |
| 0165 | Provide UOM KG. | Please provide UOM in KG |
| 0166 | Please provide Quantity / Electricity Units | Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit |
| 0167 | Provide Value of Sales Excl. ST | Value of Sales Excl. ST cannot be empty/Invalid, please provide valid Value of Sales Excl. ST |
| 0168 | Cotton Ginners allowed against registered buyers only. | Only cotton ginner purchase type is allowed for registered users. |
| 0169 | STWH can only be created for GOV/FTN Holders. | User is not FTN holder, STWH can only be created for GOV/FTN Holders without purchase invoice. |
| 0170 | If Value of Sales Excl. ST greater than  {0}. Rate {1} not allowed. | If Value of Sales Excl. ST greater than 20000 than rate 5% is not allowed. |
| 0171 | You are not an EFS license holder who has imported Compressor Scrap in the last 12 months. | You are not an EFS license holder who has imported Compressor Scrap in the last 12 months. |
| 0172 | Petroleum Levy rates not configured properly. | Petroleum Levy rates not configured properly. Please update levy rates properly |
| 0173 | Alphanumeric and (-) contained invoice No. is allowed. (-) should be in between Alphanumeric string. | Invoice number is not valid, please provide valid invoice number in alphanumeric format. For example: Inv-001 |
| 0174 | Please provide Sales Tax | Sales Tax cannot be empty, please provide valid Sales Tax |
| 0175 | Please provide Fixed / notified value or Retail Price | Fixed / notified value or Retail Price cannot be empty, please provide valid Fixed / notified value or Retail Price |

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# Scenarios for Sandbox Testing

|  |  |  |
| --- | --- | --- |
| **Scenario** | **Description** | **Sale Type (Purchase type in case of Cotton Ginners)** |
| SN001 | Goods at standard rate to registered buyers | Goods at Standard Rate (default) |
| SN002 | Goods at standard rate to unregistered buyers | Goods at Standard Rate (default) |
| SN003 | Sale of Steel (Melted and Re-Rolled) | Steel Melting and re-rolling |
| SN004 | Sale by Ship Breakers | Ship breaking |
| SN005 | Reduced rate sale | Goods at Reduced Rate |
| SN006 | Exempt goods sale | Exempt Goods |
| SN007 | Zero rated sale | Goods at zero-rate |
| SN008 | Sale of 3rd schedule goods | 3rd Schedule Goods |
| SN009 | Cotton Spinners purchase from Cotton Ginners (Textile Sector) | Cotton Ginners |
| SN010 | Telecom services rendered or provided | Telecommunication services |
| SN011 | Toll Manufacturing sale by Steel sector | Toll Manufacturing |
| SN012 | Sale of Petroleum products | Petroleum Products |
| SN013 | Electricity Supply to Retailers | Electricity Supply to Retailers |
| SN014 | Sale of Gas to CNG stations | Gas to CNG stations |
| SN015 | Sale of mobile phones | Mobile Phones |
| SN016 | Processing / Conversion of Goods | Processing/ Conversion of Goods |
| SN017 | Sale of Goods where FED is charged in ST mode | Goods (FED in ST Mode) |
| SN018 | Services rendered or provided where FED is  charged in ST mode | Services (FED in ST Mode) |
| SN019 | Services rendered or provided | Services |
| SN020 | Sale of Electric Vehicles | Electric Vehicle |
| SN021 | Sale of Cement /Concrete Block | Cement /Concrete Block |
| SN022 | Sale of Potassium Chlorate | Potassium Chlorate |
| SN023 | Sale of CNG | CNG Sales |
| SN024 | Goods sold that are listed in SRO 297(1)/2023 | Goods as per SRO.297(|)/2023 |
| SN025 | Drugs sold at fixed ST rate under serial 81 of Eighth Schedule Table 1 | Non-Adjustable Supplies |
| SN026 | Sale to End Consumer by retailers | Goods at Standard Rate (default) |
| SN027 | Sale to End Consumer by retailers | 3rd Schedule Goods |
| SN028 | Sale to End Consumer by retailers | Goods at Reduced Rate |

**Note:** Scenarios ID 26,27 & 28 are applicable only if registered as retailer in sales tax profile.

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# Applicable Scenarios based on Business Activity

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.** | **Business**  **Activity** | **Sector** | **Scenarios** |
| 1 | Manufacturer | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024 |
| 2 | Manufacturer | Steel | SN003, SN004, SN011 |
| 3 | Manufacturer | FMCG | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN008 |
| 4 | Manufacturer | Textile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN009 |
| 5 | Manufacturer | Telecom | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN010 |
| 6 | Manufacturer | Petroleum | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN012 |
| 7 | Manufacturer | Electricity  Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN013 |
| 8 | Manufacturer | Gas Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN014 |
| 9 | Manufacturer | Services | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN018, SN019 |
| 10 | Manufacturer | Automobile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN020 |
| 11 | Manufacturer | CNG Stations | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN023 |
| 12 | Manufacturer | Pharmaceuticals | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024 |
| 13 | Manufacturer | Wholesale / Retails | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |
| 16 | Importer | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024 |
| 17 | Importer | Steel | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN003, SN004, SN011 |
| 18 | Importer | FMCG | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN008 |
| 19 | Importer | Textile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN009 |
| 20 | Importer | Telecom | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN010 |
| 21 | Importer | Petroleum | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN012 |
| 22 | Importer | Electricity  Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN013 |
| 23 | Importer | Gas Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN014 |

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|  |  |  |  |
| --- | --- | --- | --- |
| 24 | Importer | Services | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN018, SN019 |
| 25 | Importer | Automobile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN020 |
| 26 | Importer | CNG Stations | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN023 |
| 27 | Importer | Pharmaceuticals | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN025 |
| 28 | Importer | Wholesale / Retails | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |
| 31 | Distributor | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |
| 32 | Distributor | Steel | SN003, SN004, SN011, SN026, SN027, SN028, SN008 |
| 33 | Distributor | FMCG | SN008, SN026, SN027, SN028, SN008 |
| 34 | Distributor | Textile | SN009, SN026, SN027, SN028, SN008 |
| 35 | Distributor | Telecom | SN010, SN026, SN027, SN028, SN008 |
| 36 | Distributor | Petroleum | SN012, SN026, SN027, SN028, SN008 |
| 37 | Distributor | Electricity  Distribution | SN013, SN026, SN027, SN028, SN008 |
| 38 | Distributor | Gas Distribution | SN014, SN026, SN027, SN028, SN008 |
| 39 | Distributor | Services | SN018, SN019, SN026, SN027, SN028, SN008 |
| 40 | Distributor | Automobile | SN020, SN026, SN027, SN028, SN008 |
| 41 | Distributor | CNG Stations | SN023, SN026, SN027, SN028, SN008 |
| 42 | Distributor | Pharmaceuticals | SN025, SN026, SN027, SN028, SN008 |
| 43 | Distributor | Wholesale / Retails | SN001, SN002, SN026, SN027, SN028, SN008 |
| 46 | Wholesaler | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |
| 47 | Wholesaler | Steel | SN003, SN004, SN011, SN026, SN027, SN028, SN008 |
| 48 | Wholesaler | FMCG | SN008, SN026, SN027, SN028, SN008 |
| 49 | Wholesaler | Textile | SN009, SN026, SN027, SN028, SN008 |
| 50 | Wholesaler | Telecom | SN010, SN026, SN027, SN028, SN008 |
| 51 | Wholesaler | Petroleum | SN012, SN026, SN027, SN028, SN008 |
| 52 | Wholesaler | Electricity  Distribution | SN013, SN026, SN027, SN028, SN008 |
| 53 | Wholesaler | Gas Distribution | SN014, SN026, SN027, SN028, SN008 |
| 54 | Wholesaler | Services | SN018, SN019, SN026, SN027, SN028, SN008 |
| 55 | Wholesaler | Automobile | SN020, SN026, SN027, SN028, SN008 |
| 56 | Wholesaler | CNG Stations | SN023, SN026, SN027, SN028, SN008 |
| 57 | Wholesaler | Pharmaceuticals | SN025, SN026, SN027, SN028, SN008 |
| 58 | Wholesaler | Wholesale / Retails | SN001, SN002, SN026, SN027, SN028, SN008 |
| 61 | Exporter | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024 |

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|  |  |  |  |
| --- | --- | --- | --- |
| 62 | Exporter | Steel | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN003, SN004, SN011 |
| 63 | Exporter | FMCG | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN008 |
| 64 | Exporter | Textile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN009 |
| 65 | Exporter | Telecom | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN010 |
| 66 | Exporter | Petroleum | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN012 |
| 67 | Exporter | Electricity  Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN013 |
| 68 | Exporter | Gas Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN014 |
| 69 | Exporter | Services | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN018, SN019 |
| 70 | Exporter | Automobile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN020 |
| 71 | Exporter | CNG Stations | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN023 |
| 72 | Exporter | Pharmaceuticals | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN025 |
| 73 | Exporter | Wholesale / Retails | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |
| 76 | Retailer | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |
| 77 | Retailer | Steel | SN003, SN004, SN011 |
| 78 | Retailer | FMCG | SN026, SN027, SN028, SN008 |
| 79 | Retailer | Textile | SN009, SN026, SN027, SN028, SN008 |
| 80 | Retailer | Telecom | SN010, SN026, SN027, SN028, SN008 |
| 81 | Retailer | Petroleum | SN012, SN026, SN027, SN028, SN008 |
| 82 | Retailer | Electricity  Distribution | SN013, SN026, SN027, SN028, SN008 |
| 83 | Retailer | Gas Distribution | SN014, SN026, SN027, SN028, SN008 |
| 84 | Retailer | Services | SN018, SN019, SN026, SN027, SN028, SN008 |
| 85 | Retailer | Automobile | SN020, SN026, SN027, SN028, SN008 |
| 86 | Retailer | CNG Stations | SN023, SN026, SN027, SN028, SN008 |
| 87 | Retailer | Pharmaceuticals | SN025, SN026, SN027, SN028, SN008 |
| 88 | Retailer | Wholesale / Retails | SN026, SN027, SN028, SN008 |
| 91 | Service  Provider | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN018, SN019 |
| 92 | Service  Provider | Steel | SN003, SN004, SN011, SN018, SN019 |

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|  |  |  |  |
| --- | --- | --- | --- |
| 93 | Service  Provider | FMCG | SN008, SN018, SN019 |
| 94 | Service  Provider | Textile | SN009, SN018, SN019 |
| 95 | Service  Provider | Telecom | SN010, SN018, SN019 |
| 96 | Service  Provider | Petroleum | SN012, SN018, SN019 |
| 97 | Service  Provider | Electricity  Distribution | SN013, SN018, SN019 |
| 98 | Service  Provider | Gas Distribution | SN014, SN018, SN019 |
| 99 | Service  Provider | Services | SN018, SN019 |
| 100 | Service  Provider | Automobile | SN020, SN018, SN019 |
| 101 | Service  Provider | CNG Stations | SN023, SN018, SN019 |
| 102 | Service  Provider | Pharmaceuticals | SN025, SN018, SN019 |
| 103 | Service  Provider | Wholesale / Retails | SN026, SN027, SN028, SN008, SN018, SN019 |
| 106 | Other | All Other Sectors | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024 |
| 107 | Other | Steel | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN003, SN004, SN011 |
| 108 | Other | FMCG | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN008 |
| 109 | Other | Textile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN009 |
| 110 | Other | Telecom | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN010 |
| 111 | Other | Petroleum | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN012 |
| 112 | Other | Electricity  Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN013 |
| 113 | Other | Gas Distribution | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN014 |
| 114 | Other | Services | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN018, SN019 |
| 115 | Other | Automobile | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN020 |
| 116 | Other | CNG Stations | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN023 |

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|  |  |  |  |
| --- | --- | --- | --- |
| 117 | Other | Pharmaceuticals | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN025 |
| 118 | Other | Wholesale / Retails | SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021,  SN022, SN024, SN026, SN027, SN028, SN008 |