

**Ministry for Primary Industries**  
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# **AP E-cert Submissions using XML (SOAP and Online Batch Files)**

## **Technical User Guide**

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Version 2.9



### Version History

Date	Version	Description
4 October 2007	0.1	Draft
31 October 2007	0.2	Updated Declaration Section for Export Certificates
05 December 2007	0.3	Updated post review
23 June 2008	0.4	Updated data standards
12 September 2008	0.5	Include Extra SOAP Methods: Cancel, Amend and 'Find_Details_by_Update_Date'.
30 October 2008	0.6	Include Extra SOAP Methods: 'Find_Third_Party_Details_by_Update_Date'. Also confirm the new requirements for the details in the AP E-cert XML Submission Data Standards.
15 July 2009	0.7	Removed checksum references and replaced proprietary batch file tags with XML tags
November 2009	0.8	Addition of new Get method, review of submission data standard
16 May 2011	0.9	Removal of .NET examples
July 2012	1.0	Change of ministry name, change in submission xml schema to XSD
September 2013	2.0 DRAFT	Addition of Replace method, minor changes to existing methods, new ED submission schema, minor changes to EC submission schema, new methods for retrieving template data, new authentication procedure, AP E-cert Phase 2 changes.
October 2013	2.1	\n clarifications, review of elements
November 2013	2.2	Pre-emptive authentication, changed examples
April 2014	2.3	System change password, schema metadata, batch file clarification
October 2014	2.4	New SOAP methods; Create/update a Supporting Document Get unexhausted EDs Exhaust multiple ED within one method Request an ED amendment Add status change comment to some existing methods
December 2014	2.5	<te:template_updated_date_time> added to template schema New Methods; <edit_transport_details>, <get_multiple_eligibility_document_process_history_xml> Weight/Volume (nominal wt/vol) changes Production Batch changes
September 2015	2.6	Removal of .Net SOAP example. MPI will endeavour to support any E-cert user organization and its developing resources. But MPI cannot support any development/coding solutions for an organization's SOAP client.  Addition of Overseas Authority declaration for the request replacement SOAP method. AP E-cert 11.3 change  New Header Remark to be used, Signing Office. AP E-cert 11.3 change
March 2016	2.7	Allow 3 <sup>rd</sup> Party Access field to be edited in the edit_approved_ed_transport method Increase size of Document Reference number field



December 2016	2.8	Get_multiple methods maximum changed to 200 per request New Get_all_lists method
August 2021	2.9	New XSD location Corrected password min length New parties element; Destination



## Document Purpose

The purpose of this document is to provide Industry users who intend to implement Animal Product (AP) E-cert Submissions via XML and SOAP with sufficient information to:

- ✦ Establish a SOAP client
- ✦ Test Connectivity
- ✦ Confirm the format of their XML files is correct in the AP E-cert context
- ✦ Understand the interaction between the user's own systems and AP E-cert via SOAP and
- ✦ Understand the XML responses returned by AP E-cert

## Intended Audience

This document is targeted at users who are familiar with the concept of SOAP as a data exchange mechanism, batch file users and those who are familiar with the data requirements of AP E-cert.

## Document Scope

This document

- ✦ Provides a brief introduction to XML and SOAP
- ✦ Provides detail for the development of a SOAP client for AP E-cert
- ✦ Provides detail of the search, retrieve, and submission methods (interactions) currently available within AP Ecert using XML and SOAP
- ✦ References to WSDL and Submission Schemas
- ✦ Defines the XML structure (including online batch files) required for each interaction

## Support

MPI cannot provide any development/coding support for the creation of a SOAP client but does provide a general help function with regards to WSDL files, Submission schemas and SOAP methods.



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## 1. Overview

### 1.1. Background to XML

Extensible Markup Language, XML, is an international standard for exchanging data. It is independent of particular technology, e.g. specific database products and application languages.

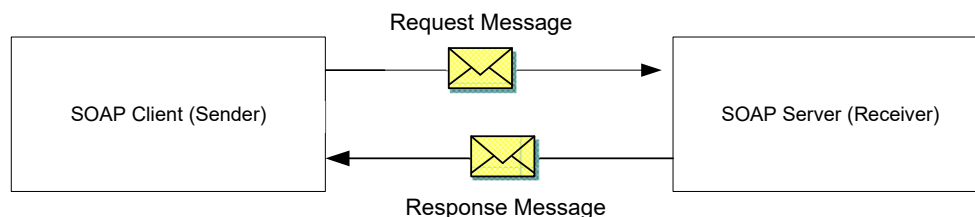
Each XML file is accompanied by an *XML Schema Definition (XSD)*, which list all data elements, their names, their relationships, and their optionality.

The XSD can be used to enforce these rules when the data is validated, ensuring high data integrity when exporting and importing data from one system to another.

### 1.2. Background to SOAP

SOAP (Simple Object Access Protocol) is a protocol for exchanging XML-based messages over computer networks. First designed in 1998 with backing from Microsoft, the SOAP specification is currently maintained by the XML Protocol Working Group of the World Wide Web Consortium (W3C).

There are several different types of messaging patterns in SOAP, but by far the most common is the Remote Procedure Call (RPC) pattern, in which one network node (the client) sends a request message to another node (the server), and the server immediately sends a response message to the client.



### 1.3. Use of XML and SOAP in AP E-cert

In the context of AP E-cert, XML and SOAP over HTTPS have been adopted because they

- are as secure as the main AP E-cert system because it encrypts messages
- are an Internet standard (endorsed by the W3C)
- used by all other nations that we engage in a data exchange with

### 1.4. Impact on AP E-cert Users

Users wishing to interface with AP E-cert via XML and SOAP will need to add SOAP over HTTPS functionality to their individual systems to connect to the AP E-cert SOAP servers. This process is simplified by the availability of various SOAP software development kits.

Once AP E-cert SOAP is accessible from within the user's environment, software can **request, retrieve, submit, amend and cancel** information in XML format from AP E-cert via SOAP.



## 1.5. Scope of XML and SOAP in AP E-cert

SOAP actions can be classed into the following groups

### 1.5.1. Searching for Eligibility Documents and Export Certificate

Actor	Activity
SOAP Client	<ul style="list-style-type: none"> <li>The Find requests of Eligibility Documents or Export Certificates is an update date range (from and to)</li> </ul>
SOAP Server	<ul style="list-style-type: none"> <li>Receives Request, i.e. E-cert</li> <li>Identifies qualifying records (linking with E-cert) or produces an error</li> <li>Produces an array (list) of qualifying Certificate Numbers</li> <li>Sends the file to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives Certificate Numbers or error message</li> <li>Receives for the new Find Detail and Find Third Party Details methods, the Certificate Number, Update Date, Status Name, Submission Date, and the Submitter's first-last names.</li> </ul>

### 1.5.2. Retrieving Eligibility Document and Export Certificate Detail

Actor	Activity
SOAP Client	<ul style="list-style-type: none"> <li>Requests Eligibility Document or Export Certificate data</li> </ul>
SOAP Server	<ul style="list-style-type: none"> <li>Receives Request, i.e. E-cert</li> <li>Identifies qualifying records (linking with E-cert) or produces an error</li> <li>Produces XML file of qualifying documents or certificates (where data can be returned)</li> <li>Sends the file to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives Eligibility Document or Export Certificate Data or error message</li> </ul>

### 1.5.3. Submitting (Raising) Eligibility Document, Export Certificate and Supporting Document Details

Actor	Activity
SOAP Client	<ul style="list-style-type: none"> <li>Supplies Eligibility Document, Export Certificate and Supporting Document data</li> </ul>
SOAP Server	<ul style="list-style-type: none"> <li>Receives Request, i.e. E-cert</li> <li>Checks the format of the request</li> <li>Validates Document or Certificate Data (processes acceptance of data and generates an eligibility document or export certificate or produces an error)</li> <li>Produces successful submission response or error message to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives successfully submission response or error message</li> </ul>

### 1.5.4. The amendment of an Eligibility Document, Export Certificate and Supporting Document

Actor	Activity
SOAP Client	Requests the amendment of an Eligibility Document, Export Certificate and Supporting Document
SOAP Server	<ul style="list-style-type: none"> <li>Receives Request to amend an Eligibility Document or an Export Certificate for a Certificate Number</li> <li>Identifies and validates the record to be amended</li> <li>Validates the permissions and reason for the amendment (processes acceptance of data and updates an eligibility document or export certificate, or produces an error)</li> <li>Produces successful submission response or error message to the SOAP client.</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives a response from the SOAP server indicating whether the amendment was successful</li> </ul>

### 1.5.5. Replacing an Export Certificate

Actor	Activity
SOAP Client	Requests the replacement of an Export Certificate



Actor	Activity
SOAP Server	<ul style="list-style-type: none"> <li>Receives Request to replace an Export Certificate for a Certificate Number</li> <li>Checks the format of the request</li> <li>Request requires a reference to the Export Certificate that is to be replaced</li> <li>Validates Certificate Data (processes acceptance of data and generates an export certificate or produces an error)</li> <li>Produces successful submission response or error message to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives a response from the SOAP server indicating whether the replacement was successful</li> </ul>

#### 1.5.6. Cancel an Eligibility Document or an Export Certificate

Actor	Activity
SOAP Client	<ul style="list-style-type: none"> <li>Requests the cancellation of an Eligibility Document or an Export Certificate for a Certificate Number.</li> </ul>
SOAP Server	<ul style="list-style-type: none"> <li>Receives request to cancel an Eligibility Document or an Export Certificate, • Identifies the record to be cancelled.</li> <li>Validates the permissions and reason for the cancellation (processes acceptance of data and cancels eligibility document or export certificate or produces an error)</li> <li>Produces successful submission response or error message to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives a response from the SOAP server indicating whether the cancellation was successful</li> </ul>

#### 1.5.7. Exhausting an Eligibility Document

Actor	Activity
SOAP Client	<ul style="list-style-type: none"> <li>Requests the exhaustion of an Eligibility Document for a Certificate Number or individual product items.</li> </ul>
SOAP Server	<ul style="list-style-type: none"> <li>Receives request to exhaust one or multiple Eligibility Documents or individual product items</li> <li>Identifies the record to be exhausted</li> <li>Validates the permissions and reason for the exhaustion (processes acceptance of data and exhausts eligibility document or individual product items or produces an error)</li> <li>Produces successful submission response or error message to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives a response from the SOAP server indicating whether the exhaustion was successful</li> </ul>

#### 1.5.8. Retrieving Template Data

Actor	Activity
SOAP Client	<ul style="list-style-type: none"> <li>Finds or Requests Template or list of values data</li> </ul>
SOAP Server	<ul style="list-style-type: none"> <li>Receives Request,</li> <li>Identifies template records (linking with E-cert) or produces an error</li> <li>Produces XML file of qualifying template or list of values (where data can be returned)</li> <li>Sends the file to the SOAP client</li> </ul>
SOAP Client	<ul style="list-style-type: none"> <li>Receives template or list of values data or error message</li> </ul>

#### 1.5.9. Recording Inspection outcome for Post Approval

This functionality is available to Border Control Agencies of Importing Countries with permissions to access Ecert to retrieve data for export consignments destined for their port or country. It is provided at this point for reference only. **Paperless Certification with MPI – Technical Guide** provides full detail of this functionality.



## 1.6. Security

### 1.6.1. User Authentication

Data security is of paramount importance and the AP E-cert system is designed to provide maximum protection from unauthorised access and use. Standard web server authentication is used to provide the mandatory username and password details. For each profile only data relevant to the user is accessible and roles defined within the system will limit transactions users can carry out.

#### For Find, Get and Templates methods:

The **system account** is associated to a system name, its authentication type (SOAP) and organisation. Functional permissions are assigned to the **system account** via a **profile**.

The **system account profile** determines:

- which document types can be submitted/returned – ED and/or EC
- which premises the account has access to – registration IDs
- which billing organisation is invoiced for the action

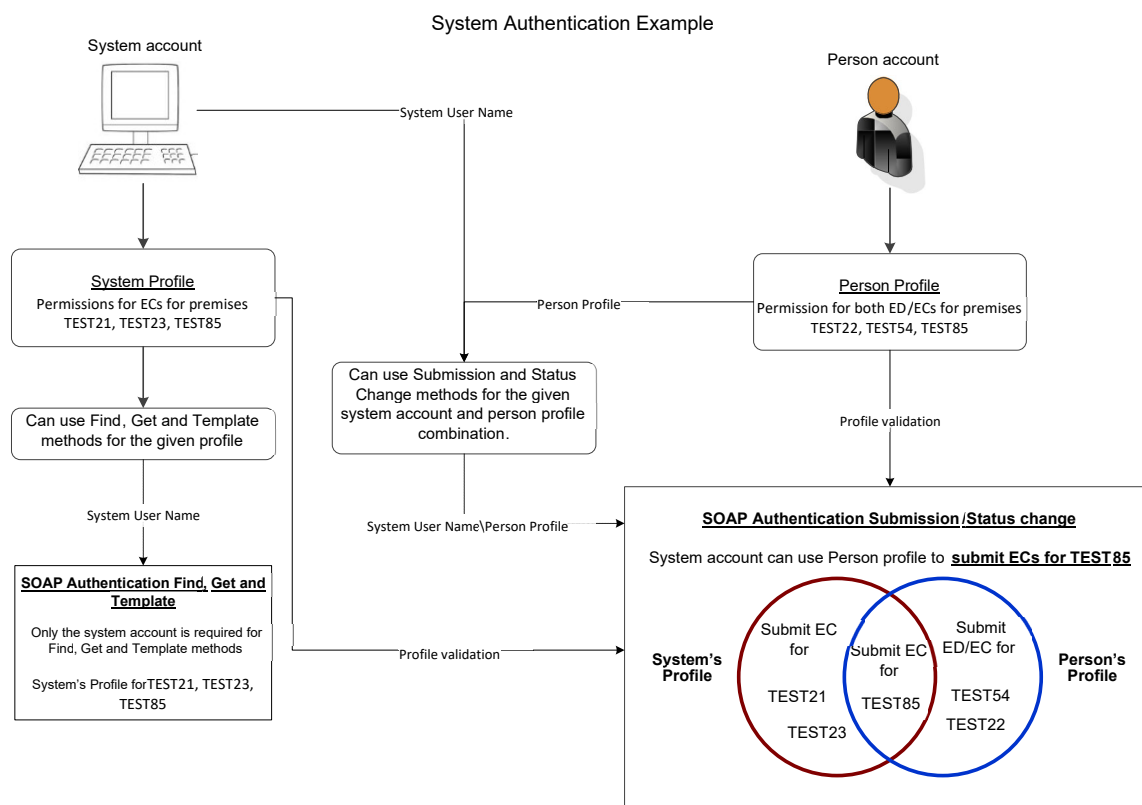
If the **system account** exists and the **system account profile** has the requested registration ID included, a successful request will be created.

#### For Submission and Status change methods:

An active **person profile**, of a person working for or on behalf of the organisation, is required to be submitted with the **system account details** for all other methods, so that E-cert can capture individual's details for regulatory and billing requirements. The **person profile** determines:

- which document types can be submitted/returned – ED and/or EC
- which premises the person has access to – registration IDs
- which change permission are allowed – able to submit, automatic approval of EDs, exhaustion of EDs • notification for any E-cert actions
- which billing organisation is invoiced for the action
- any profile used in a SOAP submission is case sensitive

If both the **system account's** profile and the **person profile** are active and the action performed includes a common registration ID, a successful submission will be created.





### 1.6.2. Firewalls

The AP E-cert web application and web service is publically accessible on the public Internet using the standard HTTPS port (443). No VPN access is required. All other access to these servers are protected by a firewall. Any HTTP (port 80) traffic is redirected to use HTTPS. All other Internet traffic is blocked. Data from and to the AP E-cert servers is encrypted. The firewall contains monitoring software to detect break-ins.

### 1.6.3. Proxy access

Organisations must ensure that their own company's proxy rules allow for SOAP exchange to the MPI servers.

### 1.6.4. Data Encryption

AP E-cert system supports industry standard encryption up to 2048 bit SSL encryption. No client-side certificates are required.

### 1.6.5. Changing a System Password

A system password can be changed via the Animal Products E-cert Gateway page, <https://sancrt.mpi.govt.nz/ecert/main/login> (for Live), by clicking on the System Logon hyperlink.

The current username and password will be required. The user is then able to change to a new password for their system.

Required password format needs to be adhered to;

New Password must be at least **12 characters long**; has not been used in the previous 12 passwords; must not have changed within the last 1 days; does not contain your account or full name; contains at least three of the following character groups:

- Alphabets in Upper Case (A-Z)
- Alphabets in Lower Case (a-z)
- Digits (0-9)
- Special Characters !@#\$%^&\*()+

## 2. Basic System Rules

### 2.1. Business Rules

The following business rules have been incorporated into the SOAP service for XML and SOAP transaction methods:

1. Each SOAP submission is limited to only performing one type of action per SOAP *request*.
2. Users are able to submit a file containing a single XML EC or ED Submission using SOAP.
3. For SOAP XML submissions, no details other than the successfully created certificates are available for viewing within AP E-cert.
4. When an XML file is submitted and the format of the file does not conform to the EC/ED submission XSD it is being validated against, the system will return an error describing in XML terms the issue encountered with the XML file format.
  - a. Such errors occur when required elements are missing; elements are placed out of order, and/or required attributes are missing.
  - b. The error messages used are SOAP standard errors; AP E-cert cannot control the message content for this type of error.
5. When processing an EC/ED XML submission, AP E-cert will recognise and respond with a new line for each of the following:
  - a. a carriage return (Enter Key)
  - b. "\n",
  - c. XML standard string "&#xD;&#xA;"



6. The EC/ED submission and Output XML will support a “\n”, equivalent to a carriage return (Enter Key), in the following field types only:
  - a. Header Remarks – Official and Unofficial Information,
  - b. Product Remarks – Product comments
  - c. Classifications – NZHSC code etc.
  - d. Shipping or item Mark
7. <TemplateID> element within an ED submission is advised to facilitate testing in the Training environment.
8. Using the template name, without the version number, within the <TemplateID> element is advised. This will trigger the E-cert business rule to select the latest, active template version for the template.
9. The user will be notified of any submission errors that have prevented any part of the file from being processed successfully.
  - a. Within the XML Submit function, this means listing the error messages on the XML Submit Status screen for each *request*.
  - b. For ECs/EDs submitted via SOAP, this means returning details of the errors as a SOAP response to the submission *request*.
10. The user will be advised of successful submissions.
  - a. Within the XML Submit function, this means listing the successfully created/updated ECs/EDs on the XML Submit Status screen
11. For ECs/EDs submitted via SOAP, this means returning a confirmation message in the SOAP response.
12. The service is available continuously in the Live and Training environments, with the exception of scheduled maintenance times.
13. The service has a (Disaster Recovery) DR server which may affect the client-server connect or may result in a short denial of service.
14. The service only returns results (Certificate Numbers, document or certificate details) for which the SOAP user holds access permission.
15. An error is returned when there are no records matching the request, or the request was not able to be performed due to poor XML format or E-cert data validation errors.
16. Response messages are initiated in real time upon processing the request.
17. Tags within XML files are case sensitive. Opening and closing tags must match.
18. System passwords are case sensitive
19. System and person profiles should be considered as case sensitive in the first instance
20. Any “codes” within E-cert should be considered as case sensitive
21. WSDL and schema files are available on the AP E-cert Gateway page
22. Any XML returned via a Get method will return unformatted XML where ampersands for example are represented as ‘&amp;’ instead of an ‘&’. Similarly a carriage return is represented as a ‘\n’.
23. When designing a method which requires a date/time in the request, developers need to be aware that actions processed at the same time might not have been fully committed to the E-cert database and therefore might not be returned in the search results. For example; `find_eligibility_documents_details_by_update_date` run at 14:47:21 pm for a date/time range of 14:44:59 pm to 14:47:21 pm for a record that has been updated at 14:47:20 pm. The record might not be returned by the query as it might not have been committed to the database at the time of the request. We recommend including a time buffer between the request and the date/time parameters.

## 2.2. SOAP client FAQ

### 2.2.1. Java clients

By default, Java clients will ignore TTL values and cache IP addresses until the Java process is restarted. This won't affect standard web browsers but may affect the SOAP clients that are implemented using Java (other programming languages may have similar rules).

The organisations using Java based SOAP clients will need to be aware that the DR site will only be available via an alternate IP address (using the same hostname) and that they will need to do either of the following;

1. Restart their Java SOAP client anytime AP ECert has switched to DR.
2. Change their Java SOAP client to honour TTL values.



Changing a Java SOAP client to honour TTL values can be done by including the following command line property when the client is started.

```
-Dnetworkaddress.cache.ttl=30
```

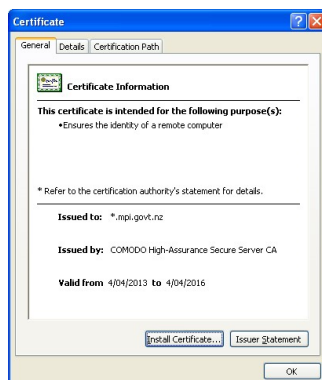
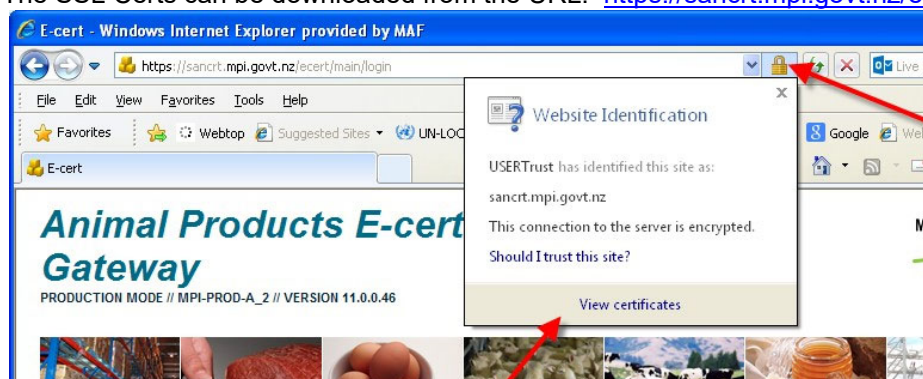
This specifies that the Java process itself should only cache IP addresses received from the operating system for thirty seconds. This property is only required if the Java SOAP client is using Java 1.4, 1.5 or is using Java 1.6+ and a Security Manager is installed (typically used when an Application Server is used).

### 2.2.2. Host and SSL certificate

Training and production reside on the same

- Host
- URL - <https://sancrt.mpi.govt.nz/ecert/>
- SSL Cert

The SSL Certs can be downloaded from the URL: <https://sancrt.mpi.govt.nz/ecert/>



### 2.2.3. Authorization Tips - .Net

The major issue could be the "preemptive authorization" which is required for any SOAP connection.

The SOAP clients need to supply the following HTTP request header with every SOAP request.

Authorization: Basic ALKSHLHASHDHF

1. Where ALKSHLHASHDHF is the Base64 encoded value of "username:password" (without the quotes).
2. Be careful that there is a "z" in Authorization.



For example if;  
username = "network\systemusername\profilename" password  
= "somepassword"

Then the header should be;

Authorization: Basic Base64.encode(username + ":" + password)

Or....

Authorization: Basic bmV0d29ya1xzeXN0ZW11c2VybmFtZVxwcm9maWxlbmFtZTpzb21lcGFzc3dvcmQ=

Once this has been added to the SOAP request then .Net clients are able to connect. This isn't anything too unusual, what's explained above is just a low level description of how HTTP Basic Authentication works.

The other potential problems for SOAP connectivity haven't changed and still involve things like; -  
Using the wrong WSDL  
- Using the wrong URL  
- Corporate Proxy Servers and Firewalls on their own network  
- Not using the new Phase 2 authentication format of: domain\systemuser\profilename

#### 2.2.4. Placing the authorization details in the header section;

Beware of missing proxy setup, which is pretty simple though (in Program.cs)

```
private static void InitApeProxy()
{
    if (m_ApeProxy == null)
    {
        Console.ForegroundColor = ConsoleColor.White;
        WriteLine("Creating AP-ECert Service Proxy..");

        System.Net.WebRequest.DefaultWebProxy = new System.Net.WebProxy("<your gateway url and
port>");
        System.Net.WebRequest.DefaultWebProxy.Credentials =
System.Net.CredentialCache.DefaultNetworkCredentials;

        m_ApeProxy = new APEcertWSEndpointClient();
        SetProxyCredentials(Prompt("Username: "), Prompt("Password: "));
        ConfigureEndpointBehaviour();

        WriteLine(string.Format("State: {0} URL: {1}", m_ApeProxy.State,
m_ApeProxy.Endpoint.Address));
    }
}
```





```
}  
}
```

This is the important bit. In the message inspector class to insert custom headers!:

In ApeClientMessageInspector:

```
public class ApeClientMessageInspector : IClientMessageInspector  
<...snip...>  
  
    public object BeforeSendRequest(ref Message request, System.ServiceModel.IClientChannel channel)  
    {  
        if (!request.Properties.ContainsKey(HttpRequestMessageProperty.Name))  
        {  
            request.Properties.Add(HttpRequestMessageProperty.Name, new HttpRequestMessageProperty());  
        }  
  
        var httpHeader = request.Properties[HttpRequestMessageProperty.Name] as  
        HttpRequestMessageProperty;  
  
        if (httpHeader != null)  
        {  
            if (!httpHeader.Headers.AllKeys.Contains("Authorization"))  
            {  
                httpHeader.Headers.Add("Authorization", String.Format("Basic {0}", mAuthHeader));  
            }  
        }  
  
        return null;  
    }  
}
```

## 3. SOAP Client Connectivity

### 3.1. Introduction

The choice of SOAP Client is up to the developer, there are a number of SOAP development tools available.

### 3.2. Connectivity

E-cert via SOAP can only be accessed over an HTTPS connection to the AP E-cert SOAP servers.

#### 3.2.1. Server Locations

Environment	Location
UAT Production (only by invitation)	<a href="https://sancrt-uat.mpi.govt.nz/ecert/services">https://sancrt-uat.mpi.govt.nz/ecert/services</a>
Training (for testing purposes)	<a href="https://sancrt.mpi.govt.nz/ecert-training/services">https://sancrt.mpi.govt.nz/ecert-training/services</a>
Production	<a href="https://sancrt.mpi.govt.nz/ecert/services">https://sancrt.mpi.govt.nz/ecert/services</a>



### 3.2.2. User Authentication – system account

All Systems transmitting data via SOAP over https are required to be set-up by the Ministry for Primary Industries (MPI); Systems Support Team, [ecert.admin@mpi.govt.nz](mailto:ecert.admin@mpi.govt.nz). The account will be for system use only, it will not have any online E-cert access (except to change the password).

A **system account** will have an associated profile with right to access consignor/consignee data relative the organisation's premises permissions.

1. The **system account** (and its profile) is allowed to perform the following group of SOAP methods;
  - FIND methods
  - GET methods
  - TEMPLATE DATA related methods

Organisations must be able to use System account with option (a) or option (b) a)

The profile associated to their System account:

Where a SOAP submission is made using the profile associated to the system account, E-cert will check for the following:

- The profile used to submit the SOAP request is ACTIVE and
- The role type on that profile is relevant to the request submitted and
- that profile holds registrations and permissions relevant to the request submitted

- b) The profile associated to a different person record:

Where a SOAP submission is made using the profile associated to a different Person record, E-cert will check for the following:

- Both the profiles i.e. the profile associated to the System account and the profile used to submit the SOAP request are ACTIVE and
- The role type on both of the profiles are the same and relevant to the request submitted and
- Both the profiles hold registrations and permissions relevant to the request submitted

2. For all the other SOAP requests, submission and status changes, the system account must use the **profile associated to a different person record** within the organisation that belongs to the system.

In this case, when the submitter uses the profile associated to a different Person record, E-cert will check for the following:

- Both the profiles i.e. the profile associated to the System account and the profile used to submit the SOAP request are ACTIVE and
- The role type on both of the profiles are the same and relevant to the action being performed and
- Both the profiles hold registrations and permissions relevant to the request being submitted

### Login Credentials

1. A case where the **System account** has a need to submit a SOAP request (FIND, GET, TEMPLATE methods) for which it can use its own profile, the credentials to be supplied are as below:

**Username - <Domain>\<Username>**

**i.e. Username:** network\SystemOrganisationName

**Password- <password>**

**i.e. Password:** Password01

where

Domain – is the E-cert Domain name

Username – is the Username associated to that System account (this is the username that is recorded for a system account by MPI)



Password – is the password associated to the system account (this will be issued by the MPI at the time of creation of that system account)

2. A case where the System account has a need to submit a SOAP request (Submission and Status changes) for which it should use the **profile associated to a different person record**, the credentials to be supplied are as below:

**Username - <Domain>\<Username>\<Person Profile name> i.e.**

**Username:** network\SystemOrganisationName\Person\_cr

**Password- <password>**

**i.e. Password:** Password01

where

Domain – is the E-cert Domain name

Username – is the Username associated to that System account (this is the username that is recorded for a system account by MPI)

Profile name – is the name of the profile that is associated to the other Person record (case sensitive)

Password – is the password associated to the system account (this will be issued by MPI at the time of creation of that system account)

**Notes:**

- System details are supplied to the person responsible for the organisations SOAP system. Individual person profiles are created when the individual submits their requests for online AP E-cert access to MPI and are only given to the requestor.
- It is up to the individual to pass the profile name to their organisation's system administrator and to ensure that the registrations and permissions of the **person profile** match those of the **system profile**.
- The username string, **<Domain>\<Username>\<Person Profile name>**, cannot contain any spaces within the string. If it does it will return an authentication/permission error.
- The SOAP system is dependent on Pre-emptive authentication.

### 3.2.3. Billing

Any requests submitted by the System account using other person's Profile name, then that transaction will be billed to the Billing Organisation held on that Person's Profile.

Any request submitted by the System account using its own profile (i.e. profile associated to the system account) will be billed to the Billing organisation held on that System's Profile.

### 3.2.4. Usage

Restrictions on usage apply to prevent over-usage and abuse. For details refer to the AP E-cert Terms & Conditions on the main E-cert web site.

### 3.2.5. WSDL

In section 3.3 two WSDL files are provided for connecting to Training and Production, respectively.

These WSDL files provide a standard description of E-cert SOAP services.

Many programming languages now understand WSDL and can use this file to automatically invoke E-cert's API.

### 3.2.6. Error Handling

Standard SOAP faults are returned if any errors are encountered during the processing of the SOAP request. These may be translated to exceptions by the programming environment of the SOAP client.



### 3.2.7. Connectivity Testing

Once the SOAP client has established connectivity with the E-cert, the SOAP server can be tested by using the following ping command.

#### Ping

<b>Description</b>	Simple connectivity test. Returns the string ' Ping successful.... from APEcert' if successful.
<b>Parameters</b>	None
<b>Results</b>	String
<b>Access</b>	All users
<b>Example</b>	<p>Request:</p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:ping/&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p>Response:</p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soap:Body&gt;     &lt;ns1:pingResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;message&gt;Ping successful.... from APEcert&lt;/message&gt;     &lt;/ns1:pingResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>

### 3.3. Web Service Definitions

The following WSDL files are found on the below URLs. Download of WSDL file will require a valid E-cert **system** username and password. WSDL files have a generic endpoint. Server endpoint locations are detailed in section 3.2.1. WSDL files are also located on our Gateway page, see 3.5

#### 3.3.1. E-cert UAT

<https://sancrt-uat.mpi.govt.nz/ecert/services?wsdl>

#### 3.3.2. E-cert Live

<https://sancrt.mpi.govt.nz/ecert/services?wsdl>

#### 3.3.3. E-cert Training

<https://sancrt.mpi.govt.nz/ecert-training/services?wsdl>

### 3.4. ED and EC Submission Schema

Schema files are also located on our Gateway page, see 3.5

#### 3.4.1. ED Submission schema

<https://www.mpi.govt.nz/dmsdocument/20147-ED-Submission-Schema-XSD>

#### 3.4.2. EC Submission schema

<https://www.mpi.govt.nz/dmsdocument/20138-EC-Submission-Schema-XSD>



### 3.5. AP E-cert Schema package

A collection of AP E-cert schemas and the WSDL file can be found on the AP E-cert Gateway page as a downloadable zip file, AP E-cert XML Metadata link. Open the ReadMe.html file to get an overview of the schemas; <https://sancrt.mpi.govt.nz/ecert-training/main/login> or <https://sancrt.mpi.govt.nz/ecert/main/login>

### 3.6. AP E-cert Testing

All testing should take place in AP E-cert's Training environment.

For some releases there might be the need to test featured in our UAT environment. The UAT environment will require a different username/password to be set up for the system account as well as a new RealMe account via the RealMe UAT site. All templates, list settings and premises MAY NOT be identical to the real production system.



## 4. XML and SOAP Interface Methods

This section documents the methods that are currently supported by XML and SOAP in the AP E-cert context.

Methods are available to particular sector groups (NZ Industry, Border Control Agencies of Importing Countries)

There are six types of methods currently defined. These are **Search, Retrieve, Submission, Status change, Update and Template data**.

1. **Search** methods provide the ability to find either eligibility documents or export certificates by update date or update date and status. The SOAP request returns the Certificate Numbers of qualifying records.
2. **Retrieve** methods provide the ability to obtain the specific detail associated with an export certificate or eligibility document. A Certificate Number is passed with a retrieve method and the data returned is either the official certificate XML associated with the record OR the submission data view (that is the view of the record as it was submitted).
3. **Submission** methods provide the means for Industry Users to create Eligibility Documents, Export Certificates and Supporting Document via SOAP (rather than on-line).
4. **Status change** methods;

**Amend** - Provides the means for industry to amend some part of the Export Certificate or some part of an Eligibility Documents, including non exhausted product data via SOAP.

**Cancel** - Allows industry to cancel an Export Certificate or an Eligibility Document and supply a reason via SOAP.

**Exhaust** – Allows industry to exhaust partial or complete Eligibility Documents via SOAP

**Request** – Allows the industry to perform a status change requesting a replacement for an EC or an amendment for an ED.

**Replace** – Provides the means for industry to replace an existing Export Certificate via SOAP. It requires the EC to be in status “To Be Replaced” and has to include a reference to the replaced certificate.

5. **Update** methods currently provide the means for Overseas Border Inspection Agencies to acknowledge the receipt of a consignment or to record the outcome of the inspection action.
6. **Template Data** – Allows industry to find and retrieve base template data and list of values as used by AP Ecert. This functionality is best implemented when looking at it from the required template viewpoint.
  - a. Find active template numbers
  - b. Get template details
  - c. Get list of values using information obtained from the Get template details method



## 4.1. Search Methods

### 4.1.1. find\_eligibility\_documents\_by\_update\_date\_and\_status

<b>Description</b>	This search returns all those EDs that have been updated within a certain date range and hold a specific status, as specified in the search query.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required) string: <status> (required)
<b>Business rules</b>	<ol style="list-style-type: none"> <li>1. If the user performing the search is a Consignor/ee, the search results returned include only those EDs that have a Consignor or a Consignee ID that matches with the registrations that user has permissions for (as is configured within User Administration)</li> <li>2. The search will look for active (not archived) EDs with a last update date that is greater than or equal to (<math>\geq</math>) the supplied from (start) date and less than or equal to (<math>\leq</math>) the supplied to (end) date, irrespective of whether they are exhausted or not.</li> <li>3. The From and To dates provided for a search must be supplied as NZ date/time's in one of the following date formats: <ol style="list-style-type: none"> <li>a. YYYY-MM-DD HH:MM:SS</li> <li>b. YYYY-MM-DD HH:MM (<i>in this case a seconds value of 00 is assumed</i>)</li> <li>c. YYYY-MM-DD (<i>in this case a time value of 00:00:00 is assumed</i>)</li> </ol> </li> <li>4. The supplied 'to date/time' must be equal to or greater than the supplied 'from date/time'.</li> <li>5. The first page is page 0.</li> <li>6. The Page Results Number specified for a search must be a number that is <math>\geq 0</math>.</li> <li>7. Maximum number of results/records returned per page via SOAP is 1000. The 'END' item included by several of the searches is not included in the 1000 results i.e. the search may return 1000 items as well as the 'END' item.</li> <li>8. The last result on the last page is set to the string 'END'.</li> <li>9. Results are returned as list of Certificate Numbers representing a 'page' of results.</li> <li>10. If multiple pages are available (ie the page does not show an 'END' tag) then this method can be called subsequent times increasing the page parameter until all pages have been retrieved.</li> <li>11. <i>status</i> can be one of the following values <ol style="list-style-type: none"> <li>a. 'RAISED','RESUBMIT','AMENDED','APPROVED','CANCELLED', 'REQUEST AMENDMENT','TO BE AMENDED'</li> </ol> </li> </ol>
<b>Results</b>	array of strings: 1 page of results
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those eligibility documents the SOAP user has permission to access.



<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:find_eligibility_documents_by_update_date_and_status&gt;       &lt;page&gt;0&lt;/page&gt;       &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;       &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt;       &lt;status&gt; RAISED &lt;/status&gt;     &lt;/web:find_eligibility_documents_by_update_date_and_status&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:find_eligibility_documents_by_update_date_and_statusResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;certificate_ids&gt;         &lt;item&gt;NZL2013/TEST495/34234T&lt;/item&gt;         &lt;item&gt;NZL2013/TEST245/34234T&lt;/item&gt;         &lt;item&gt;END&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/ns1:find_eligibility_documents_by_update_date_and_statusResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>
----------------	--

#### 4.1.2. find\_eligibility\_documents\_by\_update\_date

<b>Description</b>	This search returns all those active EDs that have been updated within a certain date range specified.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. If the user performing the search is a Consignor/ee, the search results returned include only those EDs that have a Consignor or a Consignee ID that matches with the registrations that logged in user has permissions for (as is configured within User Administration)</li> <li>2. The search will look for active (not archived) EDs with a last update date that is greater than or equal to (&gt;=) the supplied from (start) date and less than or equal to (&lt;=) the supplied to (end) date, irrespective of whether they are exhausted or not.</li> <li>3. The From and To dates provided for a search must be supplied as NZ date/time's in one of the following date formats:             <ol style="list-style-type: none"> <li>a. YYYY-MM-DD HH:MM:SS</li> <li>b. YYYY-MM-DD HH:MM (in this case a seconds value of 00 is assumed)</li> <li>c. YYYY-MM-DD (in this case a time value of 00:00:00 is assumed)</li> </ol> </li> <li>4. The supplied 'to date/time' must be equal to or greater than the supplied 'from date/time'.</li> <li>5. The first page is page 0.</li> <li>6. The Page Results Number specified for a search must be a number that is &gt;= 0.</li> <li>7. Maximum number of results/records returned per page via SOAP is 1000. The 'END' item included by several of the searches is not included in the 1000 results i.e. the search may return 1000 items as well as the 'END' item.</li> <li>8. The last result on the last page is set to the string 'END'.</li> <li>9. Results are returned as list of Certificate Numbers representing a 'page' of results.</li> <li>10. If multiple pages are available (ie the page does not show an 'END' tag) then this method can be called subsequent times increasing the page parameter until all pages have been retrieved.</li> </ol>
<b>Results</b>	array of strings: 1 page of results
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those eligibility documents the SOAP user has permission to access.





<b>Example</b>	<p><b>Request</b></p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt; &lt;soapenv:Header/&gt; &lt;soapenv:Body&gt; &lt;web:find_eligibility_documents_by_update_date&gt; &lt;page&gt;0&lt;/page&gt; &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt; &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt; &lt;/web:find_eligibility_documents_by_update_date&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt; &lt;soap:Body&gt; &lt;ns1:find_eligibility_documents_by_update_dateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt; &lt;certificate_ids&gt; &lt;item&gt;NZL2013/TEST1234/34234T&lt;/item&gt; &lt;item&gt;NZL2013/TEST245/34234T&lt;/item&gt; &lt;item&gt;END&lt;/item&gt; &lt;/certificate_ids&gt; &lt;/ns1:find_eligibility_documents_by_update_dateResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>
----------------	--

#### 4.1.3. find\_eligibility\_documents\_details\_by\_update\_date

<b>Description</b>	This search returns all ED details that have been updated within a certain date range specified.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>The user must supply the following information (as part of the search query) to retrieve ED details by Update date (refer to the example below): <ol style="list-style-type: none"> <li>Page number</li> <li>From date</li> <li>To Date</li> </ol> </li> <li>The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>The results include an attribute of more_results which is used to determine if there are more results to retrieve (more_results = yes means there are more, no means there are no more). If multiple pages are available then this method can be called subsequent times increasing the page parameter until all pages have been retrieved. If the search returns no results for the parameters used, the response will not contain any certificate data and the more_results attribute will be set to true.</li> <li>This search will look for all EDs that match the following criteria: <ol style="list-style-type: none"> <li>Appear on page x (where x is the supplied 'page number') of the results</li> <li>Has a Consignor ID or Consignee ID that the user performing the search has permission to</li> <li>Has a last update date that is &gt;= the supplied 'from date' and is &lt;= the supplied 'to date' d. Where the ED is active (not archived) AND</li> <li>Has any status</li> </ol> </li> <li>The search results returned must include the following details for each of those EDs found matching the search criteria: <ol style="list-style-type: none"> <li>Certificate Number</li> <li>Update Date/time : <i>NZ date time in the format: YYYY-MM-DDTHH:MM:SS</i></li> <li>Status</li> <li>Submission Date/time : <i>NZ date time in the format: YYYY-MM-DDTHH:MM:SS</i></li> <li>Submitter name : <i>In the format: First_name Surname</i></li> <li>Status Change Comment (returned if a comment was provided in the submission that resulted in this status)</li> <li>The certificate data contained in the search results will be Base64Binary encoded.</li> </ol> </li> </ol>
<b>Results</b>	Base64Binary
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those eligibility documents the SOAP user has permission to access.



<p><b>Example</b></p>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:find_eligibility_documents_details_by_update_date&gt;       &lt;page&gt;0&lt;/page&gt;       &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;       &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt;     &lt;/web:find_eligibility_documents_details_by_update_date&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" &lt;soap:Body&gt;   &lt;ns1:find_eligibility_documents_details_by_update_dateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;     &lt;eligibility_document_details_xml&gt;xxx&lt;/eligibility_document_details_xml &gt;   &lt;/ns1:find_eligibility_documents_details_by_update_dateResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Where xxx decoded is</b></p> <pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;find_eligibility_documents_details_by_update_date      more_results="No"      xmlns="http://sanct.mpi.govt.nz/ecert/2013/ed- searchschema.xsd" &gt;   &lt;eligibility_document_details&gt;     &lt;certificate_id&gt;NZL2013/TEST604/597651T&lt;/certificate_id&gt;     &lt;update_date&gt;2013-01-07T16:52:39&lt;/update_date&gt;     &lt;status&gt;Approved&lt;/status&gt;     &lt;submitted_date&gt;2013-01-07T16:52:38&lt;/submitted_date&gt;     &lt;submitted_name&gt;Tester&lt;/submitted_name&gt;   &lt;status_change_comment&gt;Status change comment&lt;/status_change_comment&gt; &lt;/eligibility_document_details&gt;   &lt;eligibility_document_details&gt;     &lt;certificate_id&gt;NZL2013/TEST21/4125T&lt;/ certificate_id&gt;     &lt;update_date&gt;2013-01-08T13:17:06&lt;/update_date&gt;     &lt;status&gt;Raised&lt;/status&gt;     &lt;submitted_date&gt;2013-01-08T13:17:06&lt;/submitted_date&gt;     &lt;submitted_name&gt;Tester&lt;/submitted_name&gt;</pre>
	<pre>&lt;status_change_comment&gt;Status change comment&lt;/status_change_comment&gt; &lt;/eligibility_document_details&gt; &lt;/find_eligibility_documents_details_by_update_date&gt;</pre>



#### 4.1.4. find\_third\_party\_eligibility\_documents\_details\_by\_update\_date

<b>Description</b>	This search returns all those EDs that have a Third Party ID and have been updated within a certain date range.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>The user must supply the following information to retrieve EDs details by Update date (refer to the example below): <ol style="list-style-type: none"> <li>Page number</li> <li>From date</li> <li>To Date</li> </ol> </li> <li>The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>The results include an attribute of more_results which is used to determine if there are more results to retrieve (more_results = yes means there are more, no means there are no more). If multiple pages are available then this method can be called subsequent times increasing the page parameter until all pages have been retrieved. If the search returns no results for the parameters used, the response will not contain any certificate data and the more_results attribute will be set to true.</li> <li>This search will look for all EDs that match the following criteria: <ol style="list-style-type: none"> <li>Appear on page x (where x is the supplied 'page number') of the results</li> <li>Has a Third Party ID that the user performing the search has permission to</li> <li>Has a last update date that is &gt;= the supplied 'from date' and is &lt;= the supplied 'to date' d. Where the ED is active (not archived) AND</li> <li>Has any status</li> </ol> </li> <li>The search results returned must include the following details for each of those EDs found matching the search criteria: <ol style="list-style-type: none"> <li>Certificate Number</li> <li>Update Date/time <ol style="list-style-type: none"> <li>NZ date time in the format: YYYY-MM-DDTHH:MM:SS c. Status</li> </ol> </li> <li>Submission Date/time <ol style="list-style-type: none"> <li>NZ date time in the format: YYYY-MM-DDTHH:MM:SS</li> </ol> </li> <li>Submitter name <ol style="list-style-type: none"> <li>In the format: First_name Surname</li> </ol> </li> <li>Status Change Comment (returned if a comment was provided in the submission that resulted in this status)</li> </ol> <p>The certificate data contained in the search results will be Base64Binary encoded.</p> </li> </ol>
<b>Results</b>	Base64Binary
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those eligibility documents the SOAP user has permission to access.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:find_third_party_eligibility_documents_details_by_update_date&gt;       &lt;page&gt;0&lt;/page&gt;       &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;       &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt;     &lt;/web:find_third_party_eligibility_documents_details_by_update_date&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt; &lt;soap:Body&gt;   &lt;ns1:find_third_party_eligibility_documents_details_by_update_dateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;     &lt;eligibility_document_details_xml&gt;xxx&lt;/eligibility_document_details_xml&gt;   &lt;/ns1:find_third_party_eligibility_documents_details_by_update_dateResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><i>The results returned are fairly similar to those detailed in 4.1.3 so have not been included here.</i></p>



#### 4.1.5. find\_certificates\_by\_update\_date\_and\_status

<b>Description</b>	This search returns all those ECs that have been updated within a certain date range and hold a specific status, as specified in the search query.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required) string: <status> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>The user must supply the following information (as part of the search query) to retrieve ECs by Update date and Status (refer to the example below): <ol style="list-style-type: none"> <li>Page number</li> <li>From date</li> <li>To Date</li> <li>Status</li> </ol> </li> <li>The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>The last item on the last page of results is set to the string 'END' to signify that there are no more search results that match the search parameters. If multiple pages are available (i.e. the results do not include an 'END' item) then this method can be called subsequent times increasing the page parameter until all pages have been retrieved, and an 'END' item is returned. If the search returns no results for the parameters used, the response will only include only an 'END' item to signify the end of the results.</li> <li>Where the user performing the search is a Consignor/ee, this search will look for all ECs that match the following criteria: <ol style="list-style-type: none"> <li>Appear on page x (where x is the supplied 'page number') of the results</li> <li>Has a Consignor/Exporter ID that the user performing the search has permission to</li> <li>Has a last update date that is &gt;= the supplied 'from date' and is &lt;= the supplied 'to date'</li> <li>Where the EC is active (not archived) AND</li> <li>Has a status of: <ol style="list-style-type: none"> <li>RAISED (it is valid for BI's to search for this but will return no results)</li> <li>AMENDED (it is valid for BI's to search for this but will return no results)</li> <li>RESUBMIT (it is valid for BI's to search for this but will return no results)</li> <li>APPROVED</li> <li>REQUEST AMENDMENT (for ECs this is valid but will return no results)</li> <li>TO BE AMENDED (for ECs this is valid but will return no results)</li> <li>REVOKED</li> <li>CANCELLED</li> <li>REJECTED</li> <li>REQUEST REPLACEMENT</li> <li>TO BE REPLACED</li> <li>REPLACED</li> <li>REVOKED</li> <li>REPLACEMENT AUTHORISED</li> <li>ACCEPTED</li> <li>DETAINED</li> <li>ACKNOWLEDGED</li> </ol> </li> </ol> </li> <li>The search results returned must include the Certificate Numbers of those ECs that matched the search criteria.</li> </ol>
<b>Results</b>	array of strings: 1 page of results
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those Export Certificates the SOAP user has permission to access.



<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt; &lt;soapenv:Header/&gt; &lt;soapenv:Body&gt; &lt;web:find_certificates_by_update_date_and_status&gt; &lt;page&gt;0&lt;/page&gt; &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;</pre>
	<pre>&lt;/to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt; &lt;status&gt; RAISED &lt;/status&gt; &lt;/web:find_certificates_by_update_date_and_status&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt; &lt;soap:Body&gt; &lt;ns1:find_certificates_by_update_date_and_statusResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt; &lt;certificate_ids&gt; &lt;item&gt;NZL2013/TEST495/34234&lt;/item&gt; &lt;item&gt;NZL2013/TEST245/34234&lt;/item&gt; &lt;item&gt;END&lt;/item&gt; &lt;/certificate_ids&gt; &lt;/ns1:find_certificates_by_update_date_and_statusResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>

#### 4.1.6. find\_certificates\_by\_update\_date

<b>Description</b>	This search returns all those active ECs that have been updated within a certain date range specified.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>The user must supply the following information (as part of the search query) in order to retrieve ECs by Update date (refer to the example below): <ol style="list-style-type: none"> <li>Page number</li> <li>From date</li> <li>To date</li> </ol> </li> <li>The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>The last item on the last page of results is set to the string 'END' to signify that there are no more search results that match the search parameters. If multiple pages are available (i.e. the results do not include an 'END' item) then this method can be called subsequent times increasing the page parameter until all pages have been retrieved, and an 'END' item is returned. If the search returns no results for the parameters used, the response will only include only an 'END' item to signify the end of the results.</li> <li>Where the user performing the search is a Consignor/ee, this search will look for all ECs that match the following criteria: <ol style="list-style-type: none"> <li>Appear on page x (where x is the supplied 'page number') of the results</li> <li>Has a Consignor/Exporter ID that the user performing the search has permission to</li> <li>Has a last update date that is &gt;= the supplied 'from date' and is &lt;= the supplied 'to date'</li> <li>Where the EC is active (not archived) AND</li> <li>Has any status</li> </ol> </li> <li>The search results returned must include the Certificate Numbers of those ECs that matched the search criteria.</li> </ol>
<b>Results</b>	Array of strings: 1 page of results
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those Export Certificates the SOAP user has permission to access.



<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:find_certificates_by_update_date&gt;       &lt;page&gt;0&lt;/page&gt;       &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;       &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt;     &lt;/web:find_certificates_by_update_date&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:find_certificates_by_update_dateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;</pre>
	<pre>      &lt;certificate_ids&gt;         &lt;item&gt;NZL2013/TEST1234/34234&lt;/item&gt;         &lt;item&gt;NZL2013/TEST245/34238&lt;/item&gt;         &lt;item&gt;END&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/ns1:find_certificates_by_update_dateResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>

#### 4.1.7. find\_export\_certificates\_details\_by\_update\_date

<b>Description</b>	This search returns all those ECs that have been updated within a certain date range specified.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Results</b>	Base64Binary



<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. The user must supply the following information (as part of the search query) to retrieve EC details by Update date (refer to the example below): <ol style="list-style-type: none"> <li>a. Page number</li> <li>b. From date</li> <li>c. To Date</li> </ol> </li> <li>2. The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>3. The results include an attribute of more_results which is used to determine if there are more results to retrieve (more_results = yes means there are more, no means there are no more). If multiple pages are available then this method can be called subsequent times increasing the page parameter until all pages have been retrieved. If the search returns no results for the parameters used, the response will not contain any certificate data and the more_results attribute will be set to true.</li> <li>4. Where the user performing the search is a Consignor/ee, this search will look for all ECs that match the following criteria: <ol style="list-style-type: none"> <li>a. Appear on page x (where x is the supplied 'page number') of the results</li> <li>b. Has a Consignor/Exporter ID that the user performing the search has permission to</li> <li>c. Has a last update date that is &gt;= the supplied 'from date' and is &lt;= the supplied 'to date'</li> <li>d. Where the EC is active (not archived) AND</li> <li>e. Has any status</li> </ol> </li> <li>5. Where the User identified is a Consignor/Consignee then the search results returned must include the following details for each of those ECs found matching the search criteria: <ol style="list-style-type: none"> <li>a. Certificate Number</li> <li>b. Update Date/time : <i>NZ date time in the format: YYYY-MM-DDTHH:MM:SS</i></li> <li>c. Status</li> <li>d. Submission Date/time : <i>NZ date time in the format: YYYY-MM-DDTHH:MM:SS</i></li> <li>e. Submitter name : <i>In the format: First_name Surname</i></li> <li>f. Status Change Comment (returned if a comment was provided in the submission that resulted in this status)</li> </ol> </li> <li>6. Where the User identified is a Border Inspector then the search results returned must include the following details for each of those ECs found matching the search criteria: <ol style="list-style-type: none"> <li>a. Certificate Number</li> <li>b. Status (the name of the status)</li> <li>c. Approval Date/time (i.e. display the Approved date) : <i>NZ date time in the format: YYYY-MM-DDTHH:MM:SS</i></li> <li>d. Approver name : <i>In the format: First_name Surname</i></li> </ol> </li> </ol>
<b>Access</b>	<p>NZ Industry, the result set is restricted to Certificate Numbers of those Export Certificates the SOAP user has permission to access.</p>



<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:find_export_certificates_details_by_update_date&gt;       &lt;page&gt;0&lt;/page&gt;       &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;       &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt;     &lt;/web:find_export_certificates_details_by_update_date&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soap:Body&gt;     &lt;ns1:find_export_certificates_details_by_update_dateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;export_certificate_details_xml&gt;xxx&lt;/export_certificate_details_xml&gt;       &lt;ns1:find_export_certificates_details_by_update_dateResponse&gt;         &lt;soap:Body&gt;           &lt;soap:Envelope&gt;</pre> <p><b>Where xxx decoded is</b></p> <pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;find_export_certificates_details_by_update_date more_results="No" xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec- searchschema.xsd"&gt;   &lt;export_certificate_details&gt;     &lt;certificate_id&gt;NZL2013/TEST604/597651&lt;/certificate_id&gt;     &lt;update_date&gt;2013-01-07T16:52:39&lt;/update_date&gt;     &lt;status&gt;Approved&lt;/status&gt;     &lt;submitted_date&gt;2013-01-07T16:52:38&lt;/submitted_date&gt;     &lt;submitted_name&gt;Tester&lt;/submitted_name&gt;     &lt;status_change_comment&gt;Status change comment&lt;/status_change_comment&gt; &lt;/ export_certificate_details&gt;   &lt;export_certificate_details&gt;     &lt;certificate_id&gt;NZL2013/TEST21/4125&lt;/certificate_id&gt;     &lt;update_date&gt;2013-01-08T13:17:06&lt;/update_date&gt;     &lt;status&gt;Raised&lt;/status&gt;     &lt;submitted_date&gt;2013-01-08T13:17:06&lt;/submitted_date&gt;     &lt;submitted_name&gt;Tester&lt;/submitted_name&gt;     &lt;status_change_comment&gt;Status change comment&lt;/status_change_comment&gt; &lt;/ export_certificate_details&gt; &lt;/find_export_certificates_details_by_update_date&gt;</pre>
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#### 4.1.8. find\_third\_party\_export\_certificates\_details\_by\_update\_date

<b>Description</b>	This search returns all those ECs that have a Third Party ID and have been updated within a certain date range.
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>The user must supply the following information to retrieve EC details by Update date (refer to the example below):             <ol style="list-style-type: none"> <li>Page number</li> <li>From date</li> <li>To Date</li> </ol> </li> <li>The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>The results include an attribute of more_results which is used to determine if there are more results to retrieve (more_results = yes means there are more, no means there are no more). If multiple pages are available then this method can be called subsequent times increasing the page parameter until all pages have been retrieved. If the search returns no results for the parameters used, the response will not contain any certificate data and the more_results attribute will be set to true.</li> <li>This search will look for all ECs that match the following criteria:             <ol style="list-style-type: none"> <li>Appear on page x (where x is the supplied 'page number') of the results</li> <li>Has a Third Party ID that the user performing the search has permission to</li> <li>Has a last update date that is &gt;= the supplied 'from date' and is &lt;= the supplied 'to date'</li> <li>Where the EC is active (not archived) AND</li> <li>Has any status</li> </ol> </li> </ol>





	<p>5. The search results returned must include the following details for each of those ECs found matching the search criteria:</p> <ul style="list-style-type: none"> <li>a. Certificate Number</li> <li>b. Update Date/time <ul style="list-style-type: none"> <li>i. NZ date time in the format: YYYY-MM-DDTHH:MM:SS</li> </ul> </li> <li>c. Status</li> <li>d. Submission Date/time <ul style="list-style-type: none"> <li>i. NZ date time in the format: YYYY-MM-DDTHH:MM:SS</li> </ul> </li> <li>e. Submitter name <ul style="list-style-type: none"> <li>i. In the format: First_name Surname</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>f. Status Change Comment (returned if a comment was provided in the submission that resulted in this status)</li> </ul>
<b>Results</b>	Base64Binary
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those Export Certificates the SOAP user has permission to access.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:find_third_party_export_certificates_details_by_update_date&gt;       &lt;page&gt;0&lt;/page&gt;       &lt;from_date&gt;2013-01-01 00:00:00&lt;/from_date&gt;       &lt;to_date&gt;2013-01-31 00:00:00&lt;/to_date&gt;     &lt;/web:find_third_party_export_certificates_details_by_update_date&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt; &lt;soap:Body&gt;   &lt;ns1:find_third_party_export_certificates_details_by_update_dateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;     &lt;export_certificate_details_xml&gt;xxx&lt;/export_certificate_details_xml&gt;   &lt;/ns1:find_third_party_export_certificates_details_by_update_dateResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><i>The results returned are fairly similar to those detailed in 4.1.7 so have not been included here.</i></p>



#### 4.1.9. find\_unexhausted\_eligibility\_documents\_by\_approved\_date

<b>Description</b>	This search returns all those unexhausted ED's with the status of Approved for the specified date range
<b>Parameters</b>	string: <page> (required) string: <from_date> (required) string: <to_date> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>The user must supply following information (as part of the search query) in order to retrieve unexhausted EDs: <ol style="list-style-type: none"> <li>Page number</li> <li>From date</li> <li>To date</li> </ol> </li> <li>The first Page of results is page 0 and there is no upper limit on the page number that can be provided.</li> <li>The last item on the last page of results is set to the string 'END' to signify that there are no more search results that match the search parameters. If multiple pages are available (i.e. the results do not include an 'END' item) then this method can be called subsequent times increasing the page parameter until all pages have been retrieve, and an 'END' item is returned . If the search returns no results for the parameters used, the response will only include only an 'END' item to signify the end of the results.</li> <li>This search will look for all ED's that match all of the criteria specified below: <ol style="list-style-type: none"> <li>Has a Consignor ID or Consignee ID that the user performing the search has permission to</li> <li>Has a last (latest) Approved date &gt;= the supplied 'from date' and is &lt;= the supplied 'to date'</li> <li>Where the ED is in <b>Approved</b> status (not archived) and</li> <li>Where the ED is not exhausted (this must include partially exhausted EDs also)</li> </ol> </li> <li>Date format YYYY-MM-DD and set at 00:00:0000 time, i.e if &lt;= 2014-09-01 will include any record before the 1<sup>st</sup> of September</li> <li>The search results returned must include the Certificate Numbers of the EDs that matched the search criteria.</li> <li>The results returned are ordered /sorted by their "Approved date" with the most recent at the top.</li> </ol>
<b>Results</b>	Base64Binary
<b>Access</b>	NZ Industry, the result set is restricted to Certificate Numbers of those Export Certificates the SOAP user has permission to access.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;</pre> <pre>&lt;soapenv:Header/&gt; &lt;soapenv:Body&gt;   &lt;web:find_unexhausted_eligibility_documents_by_approved_date&gt;     &lt;page&gt;0&lt;/page&gt;     &lt;from_date&gt;2013-01-01&lt;/from_date&gt;     &lt;to_date&gt;2013-01-31&lt;/to_date&gt;   &lt;/web:find_unexhausted_eligibility_documents_by_approved_date&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:find_unexhausted_eligibility_documents_by_approved_dateResponse       xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;certificate_ids&gt;         &lt;item&gt;NZL2013/TEST1234/34234T&lt;/item&gt;         &lt;item&gt;NZL2013/TEST245/34238T&lt;/item&gt;         &lt;item&gt;END&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/ns1:find_unexhausted_eligibility_documents_by_approved_dateResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>



## 4.2. Retrieve Data Methods

### 4.2.1. get\_eligibility\_document\_xml

<b>Description</b>	Returns an XML string for a single eligibility document. The data returned is a view that represents the submission input for the Eligibility Document.
<b>Parameters</b>	string: <certificate_id> (required)
<b>Business rules</b>	<ol style="list-style-type: none"> <li>1. Only users with a role of Consignor/Consignee and that have permission to read EDs can request to get the Submission XML for an ED.</li> <li>2. Users can only retrieve the Submission XML for EDs that are active (users cannot retrieve the Submission XML for EDs that are archived).</li> <li>3. Users can only retrieve the Submission XML for EDs that have a Consignor ID or Consignee ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>4. The submission XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>5. The submission XML follows the ED submission schema.</li> <li>6. Users must provide the ED Certificate Numbers of the EDs they want to retrieve the Submission XML for.</li> <li>7. The submitted ED Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>8. Using the get_eligibility_document_xml method, users can retrieve the submission XML of a single ED.</li> <li>9. The submission XML retrieved via these SOAP methods, will additionally include the following ED 'non-submission' data: <ol style="list-style-type: none"> <li>a. Current Status This includes both the name of the status and the associated UNTDED4405 status code (see list after these methods)</li> <li>b. Last Updated Date/time</li> </ol> </li> </ol>
<b>Results</b>	string: submission XML of the eligibility document, Base64Binary
<b>Access</b>	NZ Industry, the data will only be returned if the user has permission to the record.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_eligibility_document_xml&gt;       &lt;certificate_id&gt;NZL2013/TEST/564132T&lt;/certificate_id&gt;     &lt;/web:get_eligibility_document_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> submission XML data for NZL2013/TEST/564132T</p>

### 4.2.2. get\_multiple\_eligibility\_document\_xml

<b>Description</b>	Returns the XML of multiple eligibility documents as a single XML string.
<b>Parameters</b>	array of strings: <certificate_ids><item> (required)



<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to read EDs can request to get the Submission XML for an ED or EDs.</li> <li>Users can only retrieve the Submission XML for EDs that are active (users cannot retrieve the Submission XML for EDs that are archived).</li> <li>Users can only retrieve the Submission XML for EDs that have a Consignor ID or Consignee ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>The Submission XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>Where the user requests the Submission XML for more than one ED, the XML of all of the EDs is to be contained in a single (encoded) XML file.</li> <li>Users must provide the ED Certificate Numbers of the EDs they want to retrieve the Submission XML for, described as an &lt;item&gt; within a list of &lt;certificate_ids&gt;.</li> <li>The submitted ED Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>Using the get_multiple_eligibility_document_xml method, users can retrieve the submission XML of one or more EDs, up to (and including) a maximum of 200 per request.</li> <li>The submission XML retrieved via these SOAP methods, will additionally include the following ED 'non-submission' data: <ol style="list-style-type: none"> <li>Current Status</li> <li>This includes both the name of the status and the associated UNTDED4405 status code (see list after this use case)</li> <li>Last Updated Date/time</li> </ol> </li> </ol>
<b>Results</b>	string: submission XML of 1 or more eligibility documents
<b>Access</b>	NZ Industry, only those records the user has permission to view will be returned.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_multiple_eligibility_document_xml&gt;       &lt;certificate_ids&gt;         &lt;item&gt;NZL2013/TEST/564132T&lt;/item&gt;         &lt;item&gt;NZL2013/TEST/123456T&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/web:get_multiple_eligibility_document_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> submission XML data for ' NZL2013/TEST/564132T, 'NZL2013/TEST/123456T.</p>

#### 4.2.3. get\_eligibility\_document\_process\_history\_xml

<b>Description</b>	Returns a XML string for a single eligibility document which includes the process history of any source ED. The data returned is a view that represents the online view for the Eligibility Document.
<b>Parameters</b>	string: <certificate_id> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to read EDs can request to get the Submission XML with process history details for an ED.</li> <li>Users can only retrieve the Submission XML with process history details for an ED that is active (users cannot retrieve the Submission XML for an ED that is archived).</li> <li>Users can only retrieve the Submission XML with process history details for EDs that have a Consignor ID or Consignee ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>The Submission XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>Users must provide the Certificate Number of the ED they want to retrieve the Submission XML with process history details for.</li> <li>The submitted ED Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>Using the get_eligibility_document_process_history_xml method, users can retrieve the submission XML with process history details of a single ED.</li> <li>The submission XML retrieved via these SOAP methods, will additionally include the following ED 'non-submission' data:</li> </ol>



	<ul style="list-style-type: none"> <li>a. Current Status</li> <li>b. This includes both the name of the status and the associated UNTDED4405 status code (see list after this use case)</li> <li>c. Last Updated Date/time</li> </ul> <p>9. As part of the Submission XML retrieved using the <code>get_eligibility_document_process_history_xml</code> method, instead of containing the details of the processes that were <u>submitted</u> on the ED (as contained in the <i>normal</i> Submission XML for an ED), the Submission XML will include the overview of the Historical Process Entries maintained for the product item in a similar way to the process details that are displayed online on the Industry/Inspector view, i.e.</p> <ul style="list-style-type: none"> <li>a. For each product item on the ED, the Submission XML will include a single process entry record for each historical NZ process entry with the same (NZ) Premises ID and Process Type that has not been identified as date overridden; <ul style="list-style-type: none"> <li>i. The date range included will span from the earliest start date of all of the historical process entries with the same Process Type and (NZ) Premises ID (that have not been identified as <b>date overridden</b>) to the latest end date of the historical process entries with the same Process Type and (NZ) Premises ID (that have not been identified as <b>date overridden</b>). <ul style="list-style-type: none"> <li>1. If there are process entries with dates and some without dates, the entries without dates are ignored to determine the date range</li> </ul> </li> <li>ii. If none of the process entries with the same (NZ) Premises ID and Process Type (that have not been identified as date overridden) have a start or end date, then the process entry is included without any dates.</li> </ul> </li> <li>b. For each product item on the ED, the Submission XML will include a single process entry record for each historical Foreign process entry with the same Process Type, Foreign Premises ID and Foreign Premises Country that has not been identified as date overridden; <ul style="list-style-type: none"> <li>i. The date range included will span from the earliest start date of all of the historical process entries with the same Process Type, Foreign Premises ID and Foreign Premises Country (that have not been identified as date overridden) to the latest end date of the historical process entries with the same Process Type, Foreign Premises ID and Foreign Premises Country (that have not been identified as date overridden). <ul style="list-style-type: none"> <li>1. If there are process entries with dates and some without dates, the entries without dates are ignored to determine the date range</li> </ul> </li> <li>ii. If none of the process entries with the same Process Type, Foreign Premises ID and Foreign Premises Country (that have not been identified as date overridden) have a start or end date, then the process entry is included without any dates.</li> </ul> </li> <li>c. If a Process entry date values included in the Submission XML with process history details is identified as date overrider in the process history, the process entry in the XML file is to be identifiable as having overridden the dates of previous process entries (these will have the date override element set to true)</li> <li>d. To determine the Foreign Premises Name to include for a Foreign Premises Process, look at the full process history across all of the product items on an ED/EC, the Foreign Premises Name included is the name set against the process entries with the selected Foreign Premises ID and Foreign Premises Country, that are not identified as name overridden (noting that there may not always be a name to include i.e. it may be null in which case the Foreign Premises Name element will not be included in the Submission XML for the given process entry).</li> <li>e. If a Foreign Premises Name value included in the Submission XML with process history details is identified as name overrider, the process entry in the XML file is to be identifiable as having overridden the Foreign Premises Name value of previous process entries (these will have the Foreign Premises Name override element set to true).</li> </ul>
<b>Results</b>	string: submission XML of the eligibility document
<b>Access</b>	NZ Industry, the data will only be returned if the user has permission to the record.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt;?xml version='1.0' encoding='UTF-8'&gt; &lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_eligibility_document_process_history_xml&gt;       &lt;certificate_id&gt;NZL2013/TEST/564132T&lt;/certificate_id&gt;     &lt;/web:get_eligibility_document_process_history_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> submission XML data for NZL2013/TEST/564132T including any processes added in any source EDs.</p>



#### 4.2.4. get\_multiple\_eligibility\_document\_process\_history\_xml

<b>Description</b>	Returns a XML string for a multiple eligibility documents which includes the process history of any source ED. The data returned is a view that represents the online view for the Eligibility Document.
<b>Parameters</b>	string: <certificate_id> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. Business rules are an extension of the 4.2.3 get_eligibility_document_process_xml method</li> <li>2. Using the get_multiple_eligibility_document_process_history_xml method, users can retrieve the submission XML with process history details of one or more ED's, up to (and including) a maximum of 200 per request.</li> </ol>
<b>Results</b>	string: submission XML of the eligibility document
<b>Errors msg</b>	<p><i>Error This request exceeds the maximum number of Certificates</i></p> <ol style="list-style-type: none"> <li>a. AP E-cert determines that the user has requested more than the maximum number of allowed Certificates.</li> </ol> <p><i>Error This Certificate is not active or you do not have permission to view the details: &lt;insert the certificate number not found&gt; or</i></p> <p><i>Error These Certificates are not active or you do not have permission to view the details: &lt;insert a comma separated list of each certificate number not found&gt;</i></p> <ol style="list-style-type: none"> <li>a. AP E-cert is not able to find all of the requested certificates (or the one requested certificate).</li> <li>b. Or if there are multiple EDs, AP E-cert returns an error response to the system user</li> </ol> <p><i>Error Invalid Certificate Numbers: &lt;invalid certificate number in request&gt;</i></p> <ol style="list-style-type: none"> <li>a. ED format is not correct.</li> </ol>
<b>Access</b>	NZ Industry, the data will only be returned if the user has permission to the record.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_multiple_eligibility_document_process_history_xml&gt;       &lt;certificate_ids&gt;         &lt;!--Zero or more repetitions--&gt;         &lt;item&gt;NZL2014/TEST/564132T&lt;/item&gt;         &lt;item&gt;NZL2014/TEST/565T&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/web:get_multiple_eligibility_document_process_history_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> submission XML data for multiple EDs including any processes added in any of the source EDs.</p>

#### 4.2.5. get\_export\_certificate\_xml

<b>Description</b>	Returns an XML string for a single export certificate. The data returned is a view that represents the submission input for the Export Certificate.
<b>Parameters</b>	string: <certificate_id> (required)



<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access ECs can request to get the Submission XML for an EC.</li> <li>Users can only retrieve the Submission XML for ECs that are active (users cannot retrieve the Submission XML for ECs that are archived).</li> <li>Users can only retrieve the Submission XML for ECs that have a Consignor ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>The Submission XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>Users must provide the EC Certificate Numbers of the ECs they want to retrieve the Submission XML for.</li> <li>The submitted EC Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>Using the get_export_certificate_xml method, users can retrieve the submission XML of a single EC.</li> <li>The submission XML retrieved via these SOAP methods, will additionally include the following EC 'non-submission' data: <ol style="list-style-type: none"> <li>Current Status</li> <li>This includes both the name of the status and the associated UNTDED4405 status code (see list after this use case)</li> <li>Last Updated Date/time</li> </ol> </li> </ol>
<b>Results</b>	string: submission XML of the export certificate
<b>Access</b>	NZ Industry, the record will only be returned if the user has permission to view it.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt;?xml version='1.0' encoding='UTF-8'?&gt; &lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_export_certificate_xml&gt;       &lt;certificate_id&gt;NZL2013/TEST/564132&lt;/certificate_id&gt;     &lt;/web:get_export_certificate_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> submission XML data for 'NZL2013/TEST/564132'</p>

#### 4.2.6. get\_multiple\_export\_certificate\_xml

<b>Description</b>	Returns the XML of multiple export certificates as a single XML string. The data returned is a view that represents the submission input for the Export Certificates returned.
<b>Parameters</b>	array of strings: <certificate_ids><item> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access ECs can request to get the Submission XML for ECs.</li> <li>Users can only retrieve the Submission XML for ECs that are active (users cannot retrieve the Submission XML for ECs that are archived).</li> <li>Users can only retrieve the Submission XML for ECs that have a Consignor ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>The Submission XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>Where the user requests the Submission XML for more than one EC, the XML of all of the ECs is contained in a single (encoded) XML file.</li> <li>Users must provide the EC Certificate Numbers of the ECs they want to retrieve the Submission XML for, described as an &lt;item&gt; within a list of &lt;certificate_ids&gt;.</li> <li>The submitted EC Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>Using the get_multiple_export_certificate_xml method, users can retrieve the submission XML of one or more ECs, up to (and including) a maximum of 200 per request. <ol style="list-style-type: none"> <li>The maximum number of certificates that can be retrieved must be configurable by an MPI System Administrator.</li> </ol> </li> <li>The submission XML retrieved via these SOAP methods, will additionally include the following ED/EC 'non-submission' data: <ol style="list-style-type: none"> <li>Current Status</li> <li>This includes both the name of the status and the associated UNTDED4405 status code (see list after this use case)</li> <li>Last Updated Date/time</li> </ol> </li> </ol>
<b>Results</b>	string: submission XML of 1 or more export certificates
<b>Access</b>	NZ Industry, only those records the user has permission to view will be returned.





<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_multiple_export_certificate_xml&gt;       &lt;certificate_ids&gt;         &lt;item&gt;NZL2013/TEST/564132&lt;/item&gt;         &lt;item&gt;NZL2013/TEST/123456&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/web:get_multiple_export_certificate_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> submission XML data for ' NZL2013/TEST/564132, 'NZL2013/TEST/123456'.</p>
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#### 4.2.7. get\_certificate\_xml

<b>Description</b>	Returns an XML string for a single certificate. The data returned is a view that represents the official certificate output for the Export Certificate returned.
<b>Parameters</b>	string: <certificate_id> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to read ECs can request to get the Output XML for an EC or ECs.</li> <li>Consignor/Consignee users can only retrieve the Output XML for ECs that are active (users cannot retrieve the Output XML for EDs/ECs that are archived).</li> <li>Consignor/Consignee users can only retrieve the Output XML for ECs with any status that have a Consignor (Exporter) ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>The format of the Output XML of an EC is dependent on XML output schema that is set against the template used for the EC. It can be one of the following: <ol style="list-style-type: none"> <li>UN/CEFACT</li> <li>Official 2.9.1</li> <li>Traces 2.9.1</li> </ol> </li> <li>If a user requests to retrieve the Output XML for an Export Certificate that is using a template that is configured to not produce an output XML, the request will return an error.</li> <li>The Output XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>Users must provide the EC Certificate Numbers of the ECs they want to retrieve the Output XML for.</li> <li>The submitted EC Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>Using the get_certificate_xml method, users can retrieve the Output XML of a single EC.</li> <li>If a user requests to get the XML Output for an EC via SOAP, that is using a template configured to produce an XML Output and the EC has a status of 'Raised', 'Amended' or 'Cancelled' or 'Resubmit' AP E-cert will generate the XML Output to supply to the user but will not save it</li> <li>If a user requests to get the XML Output for an EC via SOAP, that is using a template configured to produce an XML Output and the EC has a status of 'Approved' or any other post approval status but AP E-cert cannot find a stored XML Output, AP E-cert will re-generate the XML Output and save it.</li> </ol>
<b>Results</b>	base64Binary: official XML of the certificate
<b>Access</b>	The XML data will only be returned if the user has permission to view the record.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_certificate_xml&gt;       &lt;certificate_id&gt;NZL2013/TEST/564132&lt;/certificate_id&gt;     &lt;/web:get_certificate_xml&gt;   &lt;/soapenv:Body&gt;&lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> output XML data for 'NZL2013/TEST/564132'</p>





#### 4.2.8. get\_multiple\_certificate\_xml

<b>Description</b>	Returns the XML of multiple certificates as a single XML string. The data returned is a view that represents the official certificate output for the Export Certificate returned.
<b>Parameters</b>	array of strings: <certificate_ids><item> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to read ECs can request to get the Output XML for an EC or ECs.</li> <li>Consignor/Consignee users can only retrieve the Output XML for ECs that are active (users cannot retrieve the Output XML for EDs/ECs that are archived).</li> <li>Consignor/Consignee users can only retrieve the Output XML for ECs with any status that have a Consignor (Exporter) ID that matches the Registrations the user has permission to access (as is configured within User Administration).</li> <li>The format of the Output XML of an EC is dependent on XML output schema that is set against the template used for the EC. It can be one of the following: <ol style="list-style-type: none"> <li>UN/CEFACT</li> <li>Official 2.9.1</li> <li>Traces 2.9.1</li> </ol> </li> <li>If a user requests to retrieve the Output XML for an Export Certificate that is using a template that is configured to not produce an output XML, the request will return an error.</li> <li>The Output XML retrieved via these SOAP methods must be Base64 Encoded.</li> <li>Where the user requests the Output XML for more than one EC, the XML of all of the ECs is to be contained in a single (encoded) XML file. The schema used for each EC may be different.</li> </ol>
	<ol style="list-style-type: none"> <li>Users must provide the EC Certificate Numbers of the ECs they want to retrieve the Output XML for, described as an &lt;item&gt; within a list of &lt;certificate_ids&gt;.</li> <li>The submitted EC Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>Using the get_multiple_certificate_xml method, users can retrieve the Output XML of one or more ECs, up to (and including) a maximum of 500 per request. <ol style="list-style-type: none"> <li>The maximum number of certificates that can be retrieved must be configurable by an MPI System Administrator.</li> </ol> </li> <li>If a user requests to get the XML Output for an EC via SOAP, that is using a template configured to produce an XML Output and the EC has a status of 'Raised', 'Amended' or 'Cancelled' or 'Resubmit' AP E-cert will generate the XML Output to supply to the user but will not save it</li> <li>If a user requests to get the XML Output for an EC via SOAP, that is using a template configured to produce an XML Output and the EC has a status of 'Approved' or any other post approval status but AP E-cert cannot find a stored XML Output, AP E-cert will re-generate the XML Output and save it.</li> </ol>
<b>Results</b>	base64Binary: official XML of 1 or more certificates
<b>Access</b>	The XML data will only be returned if the user has permission to view the record.
<b>Example</b>	<p><b>Request</b></p> <pre>&lt;?xml version='1.0' encoding='UTF-8'?&gt; &lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_multiple_certificate_xml&gt;       &lt;certificate_ids&gt;         &lt;item&gt;NZL2013/TEST/564132&lt;/item&gt;         &lt;item&gt;NZL2013/TEST/123456&lt;/item&gt;       &lt;/certificate_ids&gt;     &lt;/web:get_multiple_certificate_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b> output XML data for ' NZL2013/TEST/564132', 'NZL2013/TEST/123456'.</p>

### 4.3. Submission Methods

#### 4.3.1. raise\_eligibility\_document

<b>Description</b>	Raises a single eligibility document using the XML supplied.
<b>Parameters</b>	string: <certificate_xml> XML of the eligibility document (base64Binary encoded, required)



<p><b>Business Rules</b></p>	<ol style="list-style-type: none"> <li>1. Only users with a role of Consignor/Consignee and that have permission to access EDs and has the 'submit document' permission can raise Eligibility Documents (EDs).</li> <li>2. Users can only create EDs with a Consignor ID that is a registration that they have permission to.</li> <li>3. Only data that is required by the template used for the ED that is submitted is to be retained as part of the Eligibility Document and only this data will be validated. If additional information/data is provided as part of an XML submission, this data will not be used or retained in the ED that is created.</li> <li>4. The Template ID included in an ED XML submission file can either include a template version number or not (i.e. the template ID provided can either look like US100 or US100.4).</li> <li>5. It is optional to supply a Template ID within an ED XML submission file; <ol style="list-style-type: none"> <li>a. If the Template ID is not provided, the system will use the ED template that has a status of 'Approved' and where the effective date is <math>\leq</math> the current date and the expiry date (if set) <math>\geq</math> the current date</li> <li>b. If the Template ID is submitted, it must also be an <u>active</u> Template ID in the environment being used; <ol style="list-style-type: none"> <li>i. In the production environment, an <u>active ED</u> template is an ED template that currently has a status of 'Approved' and where the effective date is <math>\leq</math> the current date and the expiry date (if set) <math>\geq</math> the current date</li> <li>ii. In a pre-production environment (UAT or Training), an <u>active ED</u> template is an ED template that currently has a status of 'Approved' or 'Review', and where the release date is <math>\leq</math> the current date and the expiry date (if set) <math>\geq</math> the current date</li> </ol> </li> </ol> </li> <li>6. For ED requests submitted using XML that include an element with an associated list of values (e.g. header remark, product remarks, classification, description, Intended use etc...), dependant on the configuration of the element within the template used for the submitted EC/ED; <ol style="list-style-type: none"> <li>a. If the element is configured to be a restricted list, the value submitted for the element will normally be the item code value, but the system must check' <ol style="list-style-type: none"> <li>i. Check to see if the value provided is a valid item code, if it is record the code and text value of the item</li> <li>ii. If it is not a code, check to see if the value is a valid item text value, if it is record the code and text value of the item</li> <li>iii. If it is neither a valid code or text value, return an error</li> </ol> </li> <li>b. If the element is configured to be a free text element, the value submitted for the element will be any free text value</li> <li>c. If the element is configured to be an unrestricted list, the value submitted for the element will either be a valid code value, a valid text value or a free text string; <ol style="list-style-type: none"> <li>i. Check to see if the value provided is a valid item code, if it is record the code and text value of the item</li> <li>ii. If it is not a code, check to see if the value is a valid item text value, if it is record the code and text value of the item</li> <li>iii. If it is neither a valid code or text value, then the value is to be recorded as a free text value (with no associated code)</li> </ol> <p>The system must determine which type of value it is to correctly record the value.</p> </li> </ol> </li> </ol>
	<ol style="list-style-type: none"> <li>7. If a processing premises ID is not supplied for a process entry supplied within an ED XML submission file, it is to be defaulted to the Consignor ID of the ED.</li> <li>8. If a process start date is supplied within an ED XML submission file, but a process end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if a process end date is supplied within an ED XML submission file, but a process start date is not provided, the start date will be defaulted to the value of the end date.</li> <li>9. If an expiry start date is supplied within an ED XML submission file, but an expiry end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if an expiry end date is supplied within an ED XML submission file, but an expiry start date is not provided, the start date will be defaulted to the value of the end date.</li> <li>10. If the template used for the ED submitted via XML is configured to not allow the submission of foreign premise processes, any process entries included in the file that contain Foreign Premise Details are to ignored and not be validated or added to the ED that is created.</li> <li>11. If the template used for the ED submitted via XML is configured to not allow the submission of nested packages, any packaging details included in the file that contain details for package levels 2 or 3 are to ignored and not be validated or added to the ED that is created.</li> <li>12. If the user submitting an ED by XML, has the Auto Approval permission, they are able to identify the ED submitted as Auto Approved. If a user without these permissions submits an auto approved ED, the submission will return an error.</li> <li>13. The Product item numbers included in an ED XML submission for each product item must be sequential and must start from 1. <ol style="list-style-type: none"> <li>a. The product items do not have to be included in this order in the file, but overall, they must be sequential.</li> </ol> </li> </ol>



<b>Results</b>	string: result
<b>Access</b>	NZ Industry, user must have permission to raise the eligibility document
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:raise_eligibility_document&gt;       &lt;certificate_xml&gt;base64Binary encoded XML&lt;/certificate_xml&gt;     &lt;/web:raise_eligibility_document &gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:raise_eligibility_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;eligibility document raised&lt;/result&gt;     &lt;/ns1:raise_eligibility_documentResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p>See Section 7 and 8 for XML details.</p>



#### 4.3.2. amend\_eligibility\_document

<b>Description</b>	Amends a single eligibility document using the XML supplied.
<b>Parameters</b>	string: <certificate_xml> XML of the eligibility document (base64Binary encoded, required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access EDs and has the 'submit document' permission can amend Eligibility Documents (EDs).</li> <li>Users can only amend EDs with a Consignor ID that is a registration that they have permission to.</li> <li>Users can only amend active EDs with a current status of <b>Raised, Resubmit, Amended</b> or <b>To Be Amended</b>.</li> <li>Users can amend any data that was submitted for the ED (that is not related to an exhausted product item), this includes <ol style="list-style-type: none"> <li>all Submission header fields set to be used for submission for the template <ol style="list-style-type: none"> <li>expect for the Consignor ID and Certificate Number</li> <li>if the ED has been approved, the Auto Approved indicator cannot be changed</li> <li>if the ED contains any exhausted product items, the Consignee ID cannot be changed</li> </ol> </li> <li>all Header Remarks set to be used for submission for the template</li> <li>all Submission product fields <ol style="list-style-type: none"> <li>except those of a product item that is exhausted (see next rule)</li> </ol> </li> <li>all Product Remarks set to be used for submission for the template <ol style="list-style-type: none"> <li>except those of a product item that is exhausted (see next rule)</li> </ol> </li> <li>all Classifications set to be used for submission for the template <ol style="list-style-type: none"> <li>except those of a product item that is exhausted (see next rule)</li> </ol> </li> <li>all Supporting Documents specifically referenced against the ED being viewed (not those that are inherited)</li> <li>if the user is within a pre-production environment, the template selected to use for the ED</li> </ol> </li> <li>Users cannot amend any of the data set against an ED product item that is exhausted. This includes all the Submission product fields, all product remarks, all classifications and all Supporting Document references. <ol style="list-style-type: none"> <li>the submitted product item data will still be schema validated by the system and may produce errors if the schema validation fails</li> <li>If the amendment is submitted successfully, any changes will <u>not</u> be applied to the exhausted product item and the user is not informed of this.</li> </ol> </li> <li>If the ED has been fully exhausted (all product items on the ED are exhausted), users can only amend the Submission header fields (expect for the Consignor ID and Certificate Number) and header remarks. <ol style="list-style-type: none"> <li>All submitted amended product item data will still be schema validated by the system and may produce errors if the schema validation fails</li> <li>If the amendment is submitted successfully, any changes made to any of the product items will not be applied and the user is not informed of this.</li> </ol> </li> <li>If <u>any</u> of the product items on the ED being amended have been referenced as a source for any other ED or EC, users are not be able to delete <u>any</u> product items from the ED, if it is determined that a product item has been deleted (the submitted product item count is lower than the current saved product item count for the ED) the amendment will return an error.</li> <li>The Product item numbers included in an ED XML submission for each product item must be sequential and must start from 1. <ol style="list-style-type: none"> <li>The product items do not have to be included in this order in the file, but overall, they must be sequential.</li> </ol> </li> <li>Only data that is required by the template used for the ED that is submitted is to be retained as part of the Eligibility Document and only this data will be validated. If additional information/data is provided as part of an XML submission, this data will not be used or retained in the amended ED.</li> <li>The Template ID included in an ED XML submission file can either include a template version number or not (i.e. the template ID provided can either look like US100 or US100.4).</li> </ol>



	<p>11. It is optional to supply a Template ID within an ED requests submitted using XML;</p> <ol style="list-style-type: none"> <li>If the Template ID is not provided, the system will use the ED template that has a status of 'Approved' and where the effective date is <math>\leq</math> the current date and the expiry date (if set) <math>\geq</math> the current date.</li> <li>If the Template ID is provided, it must also be an active Template ID in the environment being used; <ol style="list-style-type: none"> <li>In the production environment, an <u>active ED</u> template is an ED template that currently has a status of 'Approved' and where the effective date is <math>\leq</math> the current date and the expiry date (if set) <math>\geq</math> the current date</li> <li>In a pre-production environment (UAT or Training), an <u>active ED</u> template is an ED template that currently has a status of 'Approved' or 'Review', and where the release date is <math>\leq</math> the current date and the expiry date (if set) <math>\geq</math> the current date</li> </ol> </li> </ol> <p>12. For ED requests submitted using XML that include an element with an associated list of values (e.g. header remark, product remarks, classification, description, Intended use etc...), dependant on the configuration of the element within the template used for the submitted ED;</p> <ol style="list-style-type: none"> <li>If the element is configured to be a restricted list, the value submitted for the element will be the item code value that must exist as a value within the list of values for the element.</li> <li>If the element is configured to be a free text element, the value submitted for the element will be any free text value</li> <li>If the element is configured to be an unrestricted list, the value submitted for the element will either be; <ol style="list-style-type: none"> <li>the item <b>code</b> value that must exist as a value within the list of values for the element, <i>or if it is not a <b>code</b> value it will be</i></li> <li>A free text value</li> </ol> <p>The system must determine which type of value it is to correctly record the value.</p> </li> </ol> <p>13. If a processing premises ID is not supplied for a process entry supplied within an ED request submitted using XML, it is to be defaulted to the Consignor ID of the ED.</p> <p>14. If a process start date is supplied within an ED request submitted using XML, but a process end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if a process end date is supplied within an ED request submitted using XML, but a process start date is not provided, the start date will be defaulted to the value of the end date.</p> <p>15. If an expiry start date is supplied within an ED request submitted using XML, but an expiry end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if an expiry end date is supplied within an ED request submitted using XML, but an expiry start date is not provided, the start date will be defaulted to the value of the end date.</p> <p>16. If the template used for the ED request submitted using XML is configured to not allow the submission of foreign premise processes, any process entries included in the file that contain Foreign Premise Details are to ignored and not be validated or added to the ED that is amended.</p> <p>17. If the template used for the ED request submitted using XML is configured to not allow the submission of nested packages, any packaging details included in the file that contain details for package levels 2 or 3 are to ignored and not be validated or added to the ED that is amended.</p> <p>18. If the user submitting an ED amendment by XML, has the Auto Approval permission and the ED they are amending has not yet been approved, they are able to identify the ED submitted as Auto Approved. If a user without these permissions submits an auto approved ED, the submission will return an error.</p> <ol style="list-style-type: none"> <li>If the ED has already been approved, the 'Auto Approved' header data element value cannot be changed and the value submitted in the amendment request is ignored.</li> </ol>
<b>Results</b>	string: result
<b>Access</b>	NZ Industry, user must have permission to amend the eligibility document



<b>Example</b>	<p><b>Request</b></p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:amend_eligibility_document&gt;       &lt;certificate_xml&gt;base64Binary encoded XML&lt;/certificate_xml&gt;     &lt;/web:amend_eligibility_document&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:amend_eligibility_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Eligibility Document amended&lt;/result&gt;     &lt;/ns1:amend_eligibility_documentResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p>See Section 7 and 8 for XML details.</p>
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#### 4.3.3. edit\_approved\_ed\_transport\_details

<b>Description</b>	Amends the transport details of an approved Eligibility Document
<b>Parameters</b>	<p>string: Certificate Number Transport Details</p> <ul style="list-style-type: none"> <li>- Transport Mode</li> <li>- Local Carrier</li> <li>- Local Carrier Reference</li> <li>- Carrier Name</li> <li>- Conveyance Reference</li> <li>- Loading Port</li> <li>- Final Destination</li> </ul>
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. To edit ED transport details via SOAP, the system user profile must have ED submit permission.</li> <li>2. To edit ED transport details via SOAP, the system user must use a person user profile that also has ED submit permission.</li> <li>3. Users can only amend an Eligibility Document that has a Consignor ID that is a registration that they have permission to, unless the user has permission to all Premises.</li> <li>4. On submission of the SOAP request to update ED transport details, AP E-cert will validate for the following:             <ol style="list-style-type: none"> <li>a. Both the profiles i.e. the profile associated to the System account and the person profile used to submit the SOAP request are ACTIVE, and</li> <li>b. Both the profiles hold registrations and permissions relevant to the request being submitted.</li> </ol> </li> <li>5. Users can only edit the transport details of an active ED with a current status of <b>Approved</b> and that is not fully exhausted (i.e. the ED has one or more product items that are not exhausted).</li> <li>6. To edit transport details via SOAP, a Certificate Number for the ED in question must be provided.</li> <li>7. Consignor/Consignee users can amend the following ED transport related fields, dependant on which of these fields are in view for the template used for the ED:             <ol style="list-style-type: none"> <li>a. Transport Mode</li> <li>b. Local Carrier</li> <li>c. Local Carrier Reference</li> <li>d. Carrier Name</li> <li>e. Conveyance Reference</li> <li>f. Loading Port</li> <li>g. Final Destination</li> <li>h. 3<sup>rd</sup> Party Identifiers</li> </ol> </li> <li>8. Elements left as null or not submitted will be treated empty fields on submission.</li> <li>9. Values submitted will override existing values.</li> </ol>
<b>Results</b>	string: result



<b>Error Msg</b>	<p><i>Error Edit of the Transport Details is no longer allowed.</i>  <i>This ED either no longer has a status of Approved, or it has been fully exhausted.</i>  AP E-cert determines that the ED is not in the right state to allow the transport details to be updated (it either does not have a status of <b>Approved</b> or it has been fully exhausted).</p> <p><i>Error You do not have permission to perform this action.</i>  AP E-cert identifies that the system user submitting the SOAP request:</p> <ol style="list-style-type: none"> <li>Is using an inactive profile (or)</li> <li>Does not hold permission to modify EDs as required (or)</li> <li>Is using a person profile that is inactive (or)</li> <li>Is using a person profile that does not hold permission to modify EDs as required (or)</li> <li>Is attempting to submit the SOAP request when one or both of the profiles don't hold permission to the Consignor ID specified on the ED.</li> </ol>
<b>Access</b>	NZ Industry, user must have permission to submit/amend the eligibility document
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/" &lt;soapenv:Header/&gt; &lt;soapenv:Body&gt; &lt;web:edit_approved_ed_transport_details&gt; &lt;certificate_id&gt;NZL2014/TEST605/15647T&lt;/certificate_id&gt; &lt;transport_details&gt; &lt;transport_mode&gt;4&lt;/transport_mode&gt; &lt;local_carrier&gt;&lt;/local_carrier&gt; &lt;local_carrier_reference&gt;&lt;/local_carrier_reference&gt; &lt;carrier_name&gt; OLUF MAERSK &lt;/carrier_name&gt; &lt;conveyance_reference&gt; V435N &lt;/conveyance_reference&gt; &lt;loading_port_id&gt;NZAKL&lt;/loading_port_id&gt; &lt;final_destination&gt;&lt;/final_destination&gt; &lt;third_party_identifiers&gt;&lt;/third_party_identifiers&gt; &lt;/transport_details&gt; &lt;/web:edit_approved_ed_transport_details&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" &lt;soap:Body&gt; &lt;ns1:edit_approved_ed_transport_detailsResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/" &lt;result&gt;Transport details amended&lt;/result&gt; &lt;/ns1:edit_approved_ed_transport_detailsResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>

#### 4.3.4. raise\_export\_certificate

<b>Description</b>	Raises a single export certificate using the XML supplied.
<b>Parameters</b>	string: <certificate_xml> XML of the export certificate (base64Binary encoded, required)





<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. Only users with a role of Consignor/Consignee and that have permission to access ECs and has the 'submit document' permission can raise Export Certificates (ECs).</li> <li>2. Users can only create ECs with an Exporter ID that is a registration that they have permission to.</li> <li>3. Only data that is required by the template used for the EC that is submitted is to be retained as part of the Export Certificate and only this data will be validated. If additional information/data is provided as part of an XML submission, this data will not be used or retained in the EC that is created.</li> <li>4. For EC requests submitted using XML, users do not have to include the declaration statements that have a type of 'Phrase' or 'Mandatory' and AP E-cert will default these in for the certificate when it is created' <ol style="list-style-type: none"> <li>a. Unless the 'Phrase' or 'Mandatory' declaration statement requires user input(s), in which case  Users may supply (some or all of) the declaration statements that have a type of Phrase or Mandatory and no user data required as part of their XML submission if they want to the user must provide the declaration statement (with the user inputs) as part of their request. b.</li> </ol> </li> <li>5. The Template ID included in an EC XML submission file can either include a template version number or not (i.e. the template ID provided can either look like US100 or US100.4).</li> <li>6. It is mandatory to supply an <u>active</u> and <u>valid</u> EC Template ID within an EC requests submitted using XML</li> <li>7. For EC requests submitted using XML that include an element with an associated list of values (e.g. header remark, product remarks, classification, description, Intended use etc...), dependant on the configuration of the element within the template used for the submitted EC; <ol style="list-style-type: none"> <li>a. If the element is configured to be a restricted list, the value submitted for the element will normally be the item <b>code</b> value, but the system must check' <ol style="list-style-type: none"> <li>i. Check to see if the value provided is a valid item <b>code</b>, if it is record the code and text value of the item</li> <li>ii. If it is not a code, check to see if the value is a valid item <b>text</b> value, if it is record the code and text value of the item</li> <li>iii. If it is neither a valid code or text value, return an error</li> </ol> </li> <li>b. If the element is configured to be a free text element, the value submitted for the element will be any free text value</li> <li>c. If the element is configured to be an unrestricted list, the value submitted for the element will either be a valid code value, a valid text value or a free text string; <ol style="list-style-type: none"> <li>i. Check to see if the value provided is a valid item <b>code</b>, if it is record the code and text value of the item</li> <li>ii. If it is not a code, check to see if the value is a valid item <b>text</b> value, if it is record the code and text value of the item</li> <li>iii. If it is neither a valid code or text value, then the value is to be recorded as a free text value (with no associated code)</li> <li>iv. The system must determine which type of value it is to correctly record the value.</li> </ol> </li> </ol> </li> <li>8. If a processing premises ID is not supplied for a process entry supplied within an EC XML submission file, it is to be defaulted to the CExporter ID of the EC.</li> <li>9. If a process start date is supplied within an EC XML submission file, but a process end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if a process end date is supplied within an EC XML submission file, but a process start date is not provided, the start date will be defaulted to the value of the end date.</li> <li>10. If an expiry start date is supplied within an EC XML submission file, but an expiry end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if an expiry end date is supplied within an EC XML submission file, but an expiry start date is not provided, the start date will be defaulted to the value of the end date.</li> <li>11. If the template used for the EC submitted via XML is configured to not allow the submission of foreign premise processes, any process entries included in the file that contain Foreign Premise Details are to ignored and not be validated or added to the EC that is created.</li> <li>12. If the template used for the EC submitted via XML is configured to not allow the submission of nested packages, any packaging details included in the file that contain details for package levels 2 or 3 are to ignored and not be validated or added to the EC that is created.</li> <li>13. If the PDF certificate that is created upon a successful EC submission has more pages than the limit imposed by the selected template (as configured in TMT), AP E-cert will change the status of the raised certificate to 'Resubmit'. <ol style="list-style-type: none"> <li>a. For ECs submitted via SOAP, a confirmation of creation of the EC are returned</li> </ol> </li> <li>14. The Product item numbers included in an EC XML submission for each product item must be sequential and must start from 1 <ol style="list-style-type: none"> <li>a. The product items do not have to be included in this order in the file, but overall, they must be sequential.</li> </ol> </li> </ol>
<b>Results</b>	string: result





<b>Access</b>	NZ Industry, user must have permission to raise the export certificate
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/" &lt;soapenv:Header/&gt; &lt;soapenv:Body&gt; &lt;web:raise_export_certificate&gt; &lt;certificate_xml&gt;base64Binary encoded XML&lt;/certificate_xml&gt; &lt;/web:raise_export_certificate&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" &lt;soap:Body&gt; &lt;ns1:raise_export_certificateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/" &lt;result&gt;export certificate raised&lt;/result&gt; &lt;/ns1:raise_export_certificateResponse &gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p>See Section 7 and 8 for XML details.</p>

#### 4.3.5. amend\_export\_certificate

<b>Description</b>	Amend a single export certificate using the XML supplied.
<b>Parameters</b>	string:<certificate_xml> XML of the export certificate (base64Binary encoded, required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access ECs and has the 'submit document' permission can amend Export Certificates (ECs).</li> <li>Users can only amend ECs with a Exporter ID that is a registration that they have permission to.</li> <li>Users can only amend active ECs with a current status of <b>Raised, Resubmit, and Amended</b>.</li> <li>Users can amend any data that was submitted for the EC, this includes <ol style="list-style-type: none"> <li>all Submission header items set to be used for submission for the template <ol style="list-style-type: none"> <li>except for the Consignor (Exporter) ID and Certificate Number</li> </ol> </li> <li>all Submission product items</li> <li>all Header Remarks set to be used for submission for the template</li> <li>all Product Remarks set to be used for submission for the template</li> <li>all Classifications set to be used for submission for the template</li> <li>The Importing Country and/or template selected to use for the export certificate</li> </ol> </li> <li>The Product item numbers included in an EC XML submission for each product item must be sequential and must start from 1. <ol style="list-style-type: none"> <li>The product items do not have to be included in this order in the file, but overall, they must be sequential.</li> </ol> </li> <li>Only data that is required by the template used for the EC that is submitted is to be retained as part of the Export Certificate and only this data will be validated. If additional information/data is provided as part of an XML submission, this data will not be used or retained in the amended EC.</li> <li>For EC requests submitted using XML, users do not have to include the declaration statements that have a type of 'Phrase' or 'Mandatory' and AP E-cert will default these in for the certificate when it is created' <ol style="list-style-type: none"> <li>Unless the 'Phrase' or 'Mandatory' declaration statement requires user input(s), in which case the user must provide the declaration statement (with the user inputs) as part of their request.</li> <li>Users may supply (some or all of) the declaration statements that have a type of Phrase or Mandatory and no user data required as part of their XML submission if they want to</li> </ol> </li> <li>The Template ID included in an EC XML submission file can either include a template version number or not (i.e. the template ID provided can either look like US100 or US100.4).</li> <li>It is mandatory to supply an <u>active</u> and <u>valid</u> EC Template ID within an EC requests submitted using XML.</li> </ol>



	<p>10. For EC requests submitted using XML that include an element with an associated list of values (e.g. header remark, product remarks, classification, description, Intended use etc...), dependant on the configuration of the element within the template used for the submitted EC;</p> <ol style="list-style-type: none"> <li>If the element is configured to be a restricted list, the value submitted for the element will be the item <b>code</b> value that must exist as a value within the list of values for the element.</li> <li>If the element is configured to be a free text element, the value submitted for the element will be any free text value</li> <li>If the element is configured to be an unrestricted list, the value submitted for the element will either be; <ol style="list-style-type: none"> <li>the item <b>code</b> value that must exist as a value within the list of values for the element, <i>or if it is not a code value it will be</i></li> <li>A free text value</li> <li>The system must determine which type of value it is to correctly record the value.</li> </ol> </li> </ol> <p>11. If a processing premises ID is not supplied for a process entry supplied within an EC request submitted using XML, it is to be defaulted to the Consignor ID of the EC.</p> <p>12. If a process start date is supplied within an EC request submitted using XML, but a process end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if a process end date is supplied within an EC request submitted using XML, but a process start date is not provided, the start date will be defaulted to the value of the end date.</p> <p>13. If an expiry start date is supplied within an EC request submitted using XML, but an expiry end date is not provided, the end date will be defaulted to the value of the start date. Similarly, if an expiry end date is supplied within an EC request submitted using XML, but an expiry start date is not provided, the start date will be defaulted to the value of the end date.</p> <p>14. If the template used for the EC request submitted using XML is configured to not allow the submission of foreign premise processes, any process entries included in the file that contain Foreign Premise Details are to be ignored and not be validated or added to the EC that is amended.</p> <p>15. If the template used for the EC request submitted using XML is configured to not allow the submission of nested packages, any packaging details included in the file that contain details for package levels 2 or 3 are to be ignored and not be validated or added to the EC that is amended.</p> <p>16. If the PDF certificate that is created upon a successful EC amendment has more pages than the limit imposed by the selected template (as configured in TMT), AP E-cert will change the status of the raised certificate to 'Resubmit'.</p> <ol style="list-style-type: none"> <li>For ECs submitted using the XML Submit (max. 5) function, the user is to be displayed the details of both the creation of the EC and the change of status to Resubmit on the confirmation screen.</li> <li>For ECs submitted using the XML Submit function, the details of the creation of the EC are to be listed on the XML Submit Status screen</li> <li>For ECs submitted via SOAP, a confirmation of creation of the EC are returned</li> </ol>
<b>Results</b>	string: result
<b>Access</b>	NZ Industry, user must have permission to resubmit the export certificate
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/" &lt;soapenv:Header/&gt; &lt;soapenv:Body&gt; &lt;web:amend_export_certificate&gt; &lt;certificate_xml&gt;base64Binary encoded XML&lt;/certificate_xml&gt; &lt;/web:amend_export_certificate&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" &lt;soap:Body&gt; &lt;ns1:amend_export_certificateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/" &lt;result&gt;Export Certificate amended&lt;/result&gt; &lt;/ns1:amend_export_certificateResponse &gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p>See Section 7 and 8 for XML details.</p>



#### 4.3.6. create\_supporting\_document

<b>Description</b>	System users are able to create a Supporting Document by submitting an XML via SOAP
<b>Parameters</b>	Various elements, <a href="#">sec 7.5</a> ; base64Binary encoded attachment
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>To create a SD via SOAP the request permissions must be a combination of the system details and also a person's profile that also has Supporting Document permission.</li> <li>On submission of the SOAP request to create a SD, AP E-cert will validate for the following: <ol style="list-style-type: none"> <li>Both the profiles i.e. the profile associated to the System account and the profile used to submit the SOAP request are ACTIVE and</li> <li>Both the profiles hold registrations and permissions relevant to the request being submitted i.e. SD Permission</li> </ol> <p><i>(Examples: A system with a Cr/Ce profile holding SD permission for ME21 can use a different Person's Cr/Ce profile, that holds SD permission to ME21, to create new SD for ME21)</i></p> </li> <li>System User must supply all the details that are relevant to the type of the Document that is being created. Only the data that is relevant to the type of the document being created is retained in the SD. If additional information, which is not relevant to the type of the document being created, is supplied, then that data submitted is not retained in the SD being created. <i>(Note – Refer to the Create SD specification to identify the data elements that are mandatory for a certain Document type)</i></li> <li>A Document Type list must be supplied; <ul style="list-style-type: none"> <li>FIC-Foreign Ingredient Certificate</li> <li>PAC-Product Analysis Certificate</li> <li>IP-Import Permit</li> <li>OTHER</li> </ul> </li> <li>The document type shall be used by AP E-cert to determine which meta-data fields must be specified.</li> <li>System User must supply a Document Reference Number and all the other information relevant to the document type supplied (Refer to the SD spec for the data elements that are relevant to each Document Type, sec 7.5).</li> <li>System User must supply a 'Primary Operator' for the Supporting Document. <ol style="list-style-type: none"> <li>If the user holds * permissions for Registrations, then the user can specify any active registration as the Primary Operator</li> <li>If the logged in user has permissions to specific registrations, then the user can specify only one of those registrations, that they have permissions to, as the primary Operator.</li> </ol> </li> <li>Where a valid Primary Operator is supplied by the user, the E-cert system will copy that primary operator data in to the Intended Operator field element as well <i>(this means that the user need not supply the same Primary Operator registration again for Intended Operator, this will be taken care of by the System. Also, if the user happens to supply the primary Operator details within the Intended Operator tag, then the E-cert system will consider that data only once )</i></li> <li>Users are able to supply multiple registration ID's for the Intended Operator field element against a single Supporting Document.</li> <li>The Production date entered must be in the following format dd-mmm-yyyy.</li> <li>Users are able to enter multiple Production dates items for a single Supporting Document.</li> <li>NZ premises of manufacture has to be registered RMP/ULI with MPI</li> <li>For Document Type 'OTHER' either Foreign premises or NZ premises details need to be given. If both are included the system will ignore the NZ premises of manufacture.</li> <li>For the file attachment, System User must supply file data in the Base 64 encoded string format <i>(Assumption – System Users must have base 64 encoder at their end that enables them to convert the contents of the file attachment to base 64 format).</i></li> <li>System User must supply only one file attachment in the Base 64 format per Supporting Document.</li> <li>System User must supply the name of the file and the extension (type) of the file.</li> <li>The file type, as part of the &lt;file_name&gt;, supplied must be of one of the following types: <ol style="list-style-type: none"> <li>xls and xlsx</li> <li>doc and docx</li> <li>txt</li> <li>pdf</li> <li>jpeg</li> <li>jpg</li> <li>csv</li> <li>rtf</li> <li>png</li> </ol> </li> </ol>



	<p>18. AP E-cert will check for the following:</p> <ol style="list-style-type: none"> <li>Size of the file must not exceed 2MB</li> <li>the type of the file supplied (extension) matches with the actual file type (post decoding of the file contents)</li> </ol> <p>19. Any request elements submitted but not required for the specific document type will be ignored by the system.</p> <p>20. A Supporting Document ID is created by the system (AP E-cert) and is constructed as follows, where the year is taken from the Created Date: &lt;year&gt;/&lt;document type&gt;/&lt;supporting document number&gt;</p> <p>21. The supporting document number component of the Supporting Document ID will be system generated and are:</p> <ol style="list-style-type: none"> <li>A numeric value, (i.e. with no alpha characters).</li> <li>Generated sequentially, beginning with 1, up to 99,000,000 (8 character). <i>Note: Due to system logic, there may be gaps in the sequence when a number was used unsuccessfully in a DB create action.</i></li> <li>Presented with no leading zeros</li> </ol> <p>22. AP E-cert returns a response to the system user indicating that the request was successfully processed by returning a confirmation message – “Supporting Document created - &lt;SD ID&gt;”</p> <p>23. The method is a billable transaction</p> <p>24. Where user supplies an inactive country for the Country of Origin field, system will return an error message.</p> <p>25. On successful creation of a Supporting Document, an audit history is created for the Supporting document that can be viewed via UI only.</p> <p>26. A maximum of 10 Production Date values can be provided.</p>
<b>Results</b>	string: result
<b>Error msg</b>	<p><i>Error You do not have permission to perform this action.</i></p> <ol style="list-style-type: none"> <li>Holds inactive profiles (or)</li> <li>Does not hold permission to Supporting Documents (or)</li> <li>Other person's profile used is not active (or)</li> <li>Profile used does not hold SD permission (or)</li> <li>The permissions between the system's profile and the and Person's profile do not match</li> </ol> <p><i>Error The file exceeds the maximum permitted file size of &lt;max file size&gt;.</i></p> <ol style="list-style-type: none"> <li>AP E-cert determines that the file size is larger than the maximum permitted file size.</li> </ol> <p><i>Error The file type supplied is invalid.</i></p> <ol style="list-style-type: none"> <li>AP E-cert determines that the file type supplied is invalid.</li> </ol> <p><i>Error The file data supplied contains a software virus.</i></p> <ol style="list-style-type: none"> <li>AP E-cert determines the presence of virus in the data supplied.</li> </ol> <p><i>Error The file data supplied is invalid.</i></p> <ol style="list-style-type: none"> <li>AP E-cert determines that the file data supplied is invalid (cannot be read or decoded).</li> </ol> <p><i>Error Invalid &lt;Data element tag&gt; &lt;insert the data supplied&gt;</i></p> <ol style="list-style-type: none"> <li>AP E-cert determines that the data supplied (for one or more data elements) is invalid</li> </ol> <p><i>Error: A maximum of 10 Production Dates can be provided.</i></p> <ol style="list-style-type: none"> <li>AP E-cert determines that more than 10 Production Date values have been provided in the SOAP message.</li> </ol>
<b>Access</b>	NZ Industry, user must have permission to raise the supporting documents



## Example

### Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.information.ecert.mpi.govt.nz/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:create_supporting_document>
      <document_type>FIC</document_type>
      <document_reference_number>123456</document_reference_number>
      <primary_operator>ME22</primary_operator>
      <intended_operators>ME34, ME32</intended_operators>
      <country_of_origin>BA</country_of_origin>
      <product_description>Milk Powder</product_description>
      <identification_marks>ID1234</identification_marks>
      <foreign_premises_of_manufacture>Foreign Premises name</foreign_premises_of_manufacture>
      <foreign_premises_id>FP12345</foreign_premises_id>
      <NZ_premises_of_manufacture>AB12</NZ_premises_of_manufacture>
    </production_dates>
      <!--0 to 10 repetitions-->
      <date>
        <from>01-Sep-2014</from>
        <to>10-Sep-2014</to>
      </date>
      <date>
        <from>11-Sep-2014</from>
        <to>15-Sep-2014</to>
      </date>
    </production_dates>
    <file_attachment>
      <file_name>Test File.png</file_name>
      <file_data>base64Binary encoded XML of attachment</file_data>
    </file_attachment>
  </web:create_supporting_document>
</soapenv:Body>
</soapenv:Envelope>
```

### Returns

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:create_supporting_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/">
      <message>Supporting Document created - 2014/FIC/13281</message>
    </ns1:create_supporting_documentResponse>
  </soap:Body>
</soap:Envelope>
```



#### 4.3.7. update\_supporting\_document

<b>Description</b>	System users are able to update a Supporting Document by submitting an XML via SOAP
<b>Parameters</b>	Various elements, <a href="#">sec 7.5</a> ; base64Binary encoded attachment
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>To update a SD via SOAP the request permissions must be a combination of the system details and also a person's profile that also has Supporting Document permission.</li> <li>On submission of the SOAP request to update a SD, AP E-cert will validate for the following: <ol style="list-style-type: none"> <li>Both the profiles i.e. the profile associated to the System account and the profile used to submit the SOAP request are ACTIVE and</li> <li>Both the profiles hold registrations and permissions relevant to the request being submitted i.e. SD Permission</li> </ol> <p>(Examples: A system with a Cr/Ce profile holding SD permission for ME21 can use a different Person's Cr/Ce profile, that holds SD permission to ME21, to create new SD for ME21)</p> </li> <li><b>A Supporting Document can be updated only when it has a status of Active and has not been referenced by any ED/EC.</b></li> <li>System Users are able to update only one SD per xml message.</li> <li>System Users are able to add/update the Intended Operator information as part of Update via SOAP</li> <li>For updating the SD, the system user must supply the Supporting Document ID as part of the xml message, being sent to E-cert.</li> <li>The system user must supply the reason for update while submitting a SOAP request to update a Supporting Document.</li> <li>Irrespective of the field that is being updated; the system user must supply all the field details for that SD. <ol style="list-style-type: none"> <li>Exception to the above rule is the file attachment i.e. during an update the file attachment is optional. The system user must supply the file attachment; file name and type details ONLY when the user has a need to replace the file data that is already held in the SD. (Note – Another case where the user has a need to update just the file attachment, then the user must supply both the file attachment data and the rest of the data elements as part of the XML message)</li> </ol> </li> <li>For the rules to validate the data elements on a Supporting Document, refer to the rules documented for the Create SD via SOAP method.</li> <li>AP E-cert returns a response to the system user indicating that the request was successfully processed by returning a confirmation message – “Supporting Document updated - &lt;SD ID&gt;”</li> <li>The method is a billable transaction</li> </ol>
<b>Results</b>	string: result
<b>Error msg</b>	See create_supporting_document
<b>Access</b>	NZ Industry, user must have permission to raise the supporting documents
<b>Example</b>	<p><b>Request</b></p> <pre> &lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"   xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:update_supporting_document&gt;       &lt;supporting_document_id&gt;2014/FIC/10086&lt;/supporting_document_id&gt;       &lt;document_reference_number&gt;33&lt;/document_reference_number&gt;       &lt;primary_operator&gt;ME22&lt;/primary_operator&gt;       &lt;intended_operators&gt;me100,me102, me103, me104,me108,me112,me113,me117,me118,me119, s100, s101, s102, s1043, s105, s1061, s1062, s107, s11, s1100&lt;/intended_operators&gt;       &lt;country_of_origin&gt;BB&lt;/country_of_origin&gt;       &lt;product_description&gt;Product Description&lt;/product_description&gt;       &lt;identification_marks&gt;ID1213&lt;/identification_marks&gt;       &lt;foreign_premises_of_manufacture&gt;Foreign Premises&lt;/foreign_premises_of_manufacture&gt;       &lt;foreign_premises_id&gt;FP001&lt;/foreign_premises_id&gt;       &lt;NZ_premises_of_manufacture&gt;1081&lt;/NZ_premises_of_manufacture&gt;     &lt;/production_dates&gt;       &lt;!--0 to 10 repetitions:--&gt;       &lt;date&gt;         &lt;from&gt;01-Sep-2014&lt;/from&gt;       &lt;/date&gt;     &lt;/web:update_supporting_document&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt; </pre>



	<pre> &lt;to&gt;10-Sep-2014&lt;/to&gt; &lt;/date&gt; &lt;/production_dates&gt; &lt;file_attachment_optional_details&gt;   &lt;file_name&gt;Test.txt&lt;/file_name&gt;   &lt;file_data&gt;VGVzdA==&lt;/file_data&gt; &lt;/file_attachment_optional_details&gt; &lt;reason&gt;test&lt;/reason&gt; &lt;/web:update_supporting_document&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;  Returns &lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:update_supporting_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;message&gt;Supporting Document updated - 2014/FIC/10086&lt;/message&gt;     &lt;/ns1:update_supporting_documentResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt; </pre>
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#### 4.3.8. exhaust\_eligibility\_document

<b>Description</b>	Exhausts all products on a single eligibility document
<b>Parameters</b>	string: <certificate_id> (required) string: <comment> (optional)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access EDs and have the 'Exhaust products on incoming eligibility documents' permission can exhaust product items on Eligibility Documents (EDs).</li> <li>Consignor/Consignee Users can only exhaust product items on EDs with a Consignee ID that is a registration that they have permission to, unless the user has permission to all registrations.</li> <li>Users can only exhaust product items on an Active (not archived) ED with a current status of <b>Approved</b>.</li> <li>Users must provide the Certificate Number of the ED they want to fully exhaust (by exhausting all currently un-exhausted product items).</li> <li>Users can optionally provide a comment for the ED exhaustion. This comment can be up to (and including) 2000 characters.</li> <li>When all the product items on an ED have been exhausted (which may occur over several separate exhaustion actions or all in one action), the ED is to be identified as being fully exhausted.</li> <li>The submitted ED Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>AP E-cert returns a response to the system user; <ol style="list-style-type: none"> <li>If the ED was fully exhausted successfully, return a confirmation message stating 'Eligibility Document &lt;insert Certificate number of the fully exhausted certificate&gt; exhausted'</li> <li>If the ED was not exhausted successfully, return a list of the errors found, starting each error message on a new line.</li> </ol> </li> </ol>
<b>Results</b>	string: result
<b>Access</b>	NZ Industry, user must have permission to exhaust the eligibility document





<p><b>Example</b></p>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:exhaust_eligibility_document&gt;       &lt;certificate_id&gt;NZL2013/TEST39/236T&lt;/certificate_id&gt;       &lt;comment&gt;Product exhaustion comment&lt;/comment&gt;     &lt;/web:exhaust_eligibility_document&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:exhaust_eligibility_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Eligibility Document NZL2013/ME39/236T exhausted&lt;/result&gt;     &lt;/ns1:exhaust_eligibility_documentResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>
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#### 4.3.9. exhaust\_eligibility\_document\_products

<p><b>Description</b></p>	<p>Exhausts one or more products on an eligibility document.</p>
<p><b>Parameters</b></p>	<p>string: &lt;certificate_id&gt; (required) array of strings: &lt;product_numbers&gt;&lt;item&gt; (required) string: &lt;comment&gt; (optional)</p>
<p><b>Business Rules</b></p>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access EDs and have the 'Exhaust products on incoming eligibility documents' permission can exhaust product items on Eligibility Documents (EDs).</li> <li>Consignor/Consignee Users can only exhaust product items on EDs with a Consignee ID that is a registration that they have permission to, unless the user has permission to all registrations.</li> <li>Users can only exhaust product items on an Active (not archived) ED with a current status of <b>Approved</b>.</li> <li>Users must provide the Certificate Number and the Product Item Number (or Numbers) of the ED product items they want to exhaust.</li> <li>The product numbers provided must exist on the ED provided in the request.</li> <li>Users can optionally provide a comment for the ED product item exhaustion. This comment can be up to (and including) 2000 characters.</li> <li>The submitted D Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>The submitted product item number(s) must be a number, described as an &lt;item&gt; within a list of &lt;product_numbers&gt;.</li> <li>When all the product items on an ED have been exhausted (which may occur over several separate exhaustion actions or all in one action), the ED is to be identified as being fully exhausted.</li> <li>Product items on an ED that is fully exhausted cannot be exhausted.</li> <li>The product item(s) identified to be exhausted must not already be exhausted.</li> <li>AP E-cert returns a response to the system user; <ol style="list-style-type: none"> <li>If the ED product items were exhausted successfully, return a confirmation message stating 'Eligibility Document &lt;insert Certificate number of the fully exhausted certificate&gt;, Product(s) &lt;insert a comma separated list of the product items that were exhausted by this request&gt; exhausted' <ol style="list-style-type: none"> <li>If there were any product items that were already exhausted, append the following text to the end of the phrase above: The following product items were already exhausted &lt;insert a comma separated list of the ED product items that were already exhausted&gt;</li> </ol> </li> <li>If the ED product item(s) was not exhausted successfully, return a list of the errors found, starting each error message on a new line.</li> </ol> </li> </ol>
<p><b>Results</b></p>	<p>string: result</p>
<p><b>Access</b></p>	<p>NZ Industry, user must have permission to exhaust one or more products on the eligibility document.</p>





<p><b>Example</b></p>	<p><b>Request</b></p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:exhaust_eligibility_document_products&gt;       &lt;certificate_id&gt;NZL2013/TEST39/236T&lt;/certificate_id&gt;       &lt;product_numbers&gt;         &lt;item&gt;1&lt;/item&gt;         &lt;item&gt;3&lt;/item&gt;       &lt;/product_numbers&gt;       &lt;comment&gt;Product exhaustion comment&lt;/comment&gt;     &lt;/web:exhaust_eligibility_document_products&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:exhaust_eligibility_document_productsResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Eligibility Document NZL2013/TEST39/236T, Products(s) 1, 3 exhausted&lt;/result&gt;     &lt;/ns1:exhaust_eligibility_document_productsResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>
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#### 4.3.10. exhaust\_multiple\_eligibility\_documents

<b>Description</b>	Method for fully exhausting multiple EDs in one submission via SOAP
<b>Parameters</b>	string: <certificate_ids> (required) string: <comments> (optional)
<b>Business Rules</b>	<p>Basic business rules apply as for exhaust_eligibility_document</p> <ol style="list-style-type: none"> <li>Using the exhaust_multiple_eligibility_documents method, users can exhaust one or more ED's, up to (and including) a maximum of 50 certificates per request.</li> <li>For the exhaust_multiple_eligibility_documents method, if any error is encountered when processing any of the EDs in the request, any remaining EDs will continue to be validated, but <b>none</b> of the EDs in the request will be exhausted (including EDs not triggering any errors). The results of this validation will be returned to the user.</li> <li>For the exhaust_multiple_eligibility_documents method, if single or multiple error messages are returned for a single ED, the messages must be grouped by ED as follows: "[ED Number]: [error message 1] [error message 2] [error message 3]"</li> <li>For the exhaust_multiple_eligibility_documents method, if an ED number has been used twice in the same SOAP request (i.e. ED is already fully exhausted by the second time the ED number is used in the same request), any subsequent operations using the same ED number in the request will be ignored, and processing will continue.</li> <li>AP E-cert checks that the number of comments provided in the request does not exceed the number of unique ED numbers provided.</li> <li>The order of ED numbers must match the order of the relevant comment.</li> </ol>
<b>Results</b>	string: result



<b>Error msg</b>	<p>Error You do not have permission to perform this action.</p> <ul style="list-style-type: none"> <li>AP E-cert determines that the user is not a Consignee/or, or that they do not have the 'Exhaust products on incoming eligibility documents' permission Error Please specify a Certificate Number</li> <li>AP E-cert determines that the user has not supplied a certificate number to exhaust Error Invalid Certificate Number: <i>&lt;insert the certificate number&gt;</i> ○ AP E-cert determines that the format of the certificate number provided is invalid.</li> </ul> <p>Error This Certificate is not active or you do not have permission to view the details: <i>&lt;insert the certificate number not found&gt;</i></p> <ul style="list-style-type: none"> <li>AP E-cert not able to find the requested certificate (this may be because it does not exist or that the user doesn't have permission to ED's etc...).</li> </ul> <p>Error You are not allowed to exhaust Eligibility Document <i>&lt; insert the certificate number&gt;</i> ○ AP E-cert determines the user does not have permission to the Consignee ID of the ED.</p> <p>Error This Eligibility Document currently has a status of <i>&lt;insert current status&gt;</i> and cannot be exhausted</p> <ul style="list-style-type: none"> <li>AP E-cert determines that the ED does not have a status of 'Approved'. Error This Eligibility Document is already exhausted ○ AP E-cert determines that the ED is already fully exhausted. Error This request exceeds the maximum number of Certificates</li> <li>AP E-cert determines that the user has included more than the maximum number of allowed Certificates.</li> </ul> <p>Error The number of comments exceeds the number of Certificates</p> <ul style="list-style-type: none"> <li>AP E-cert determines that the user has provided more comments in their request than the number of unique ED numbers provided.</li> </ul>
<b>Access</b>	NZ Industry, user must have permission to exhaust the eligibility document
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:exhaust_multiple_eligibility_documents&gt;       &lt;certificate_ids&gt;         &lt;!--Zero or more repetitions:--&gt;         &lt;item&gt;NZL2013/TEST39/236T&lt;/item&gt;         &lt;item&gt;NZL2013/1039/279965T&lt;/item&gt;       &lt;/certificate_ids&gt;       &lt;comments&gt;         &lt;!--Zero or more repetitions:--&gt;         &lt;item&gt; Product exhaustion comment ED1&lt;/item&gt;         &lt;item&gt; Product exhaustion comment ED2&lt;/item&gt;       &lt;/comments&gt;     &lt;/web:exhaust_multiple_eligibility_documents&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soap:Body&gt;     &lt;ns1:exhaust_multiple_eligibility_documentsResponse       &lt;result&gt;Eligibility Document NZL2013/ME39/236T exhausted       Eligibility Document NZL2013/1039/279965T exhausted&lt;/result&gt;     &lt;/ns1:exhaust_multiple_eligibility_documentsResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>



## 4.4. Change Status Methods

### 4.4.1. request\_replacement\_certificate

<b>Description</b>	Change the status a certificate to request replacement.
<b>Parameters</b>	string: <certificate_id> (required) boolean: <overseas_authorities_involved> (required) string: <reason> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Users with a role of Consignee/or and that have permission to Submit ECs can change the status of an EC to Request Replacement.</li> <li>To change the status of a particular EC to Request Replacement, Consignee/or users must have permission for the Consignor/Exporter ID of the EC or access to all Registration ID's.</li> <li>Users can only change the status of ECs that are active (users cannot change the status of ECs that are archived).</li> <li>Users must provide the Certificate number of the EC they want to change the status of.</li> <li>To change the status of an EC to Request Replacement, a reason must be provided.</li> <li>Users can only change the status of an EC to Request Replacement if the EC currently has a status of Approved, Acknowledged, Accepted or Detained.</li> <li>Overseas authority involvement has to be included, true/false, to support the request.</li> <li>The reason provided can be up to 4000 characters, allowing for special and foreign characters to be provided. <ol style="list-style-type: none"> <li>If a reason longer than 4000 characters is provided it will be truncated.</li> </ol> </li> <li>The submitted EC Certificate number must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>AP E-cert returns a response to the system user; <ol style="list-style-type: none"> <li>If the status change of the EC was successful, return a confirmation message stating the following 'Status changed to Request Replacement'</li> <li>If the status change of the EC was not successful, return the error found.</li> </ol> </li> </ol>
<b>Results</b>	string: result
<b>Access</b>	Industry user must have permission to view the certificate
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:request_replacement_certificate&gt;       &lt;certificate_id&gt;NZL2013/TEST39/236&lt;/certificate_id&gt;       &lt;overseas_authorities_involved&gt;true&lt;/overseas_authorities_involved&gt;       &lt;reason&gt;Test Reason&lt;/reason&gt;     &lt;/web:request_replacement_certificate &gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:request_replacement_certificateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Status changed to Request Replacement&lt;/result&gt;     &lt;/ns1:request_replacement_certificateResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>

### 4.4.2. replace\_export\_certificate\_xml

<b>Description</b>	Users are able to replace an Export Certificate
<b>Parameters</b>	string: Certificate Number of the certificate to be replaced, <certificate_id> (required) string: Submission xml for the replacement certificate, xml (required)



<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access ECs and has the 'Submit Document' permission can replace Export Certificates (ECs).</li> <li>Users can only replace ECs with a Consignor ID (Exporter ID) that is a registration that they have permission to, unless the user has permission to all registrations.</li> <li>Users can only replace active ECs with a current status of <b>To Be Replaced</b>.</li> <li>Users must provide the Certificate Number of the EC they want to replace</li> <li>User must provide the required EC Submission xml to create the replacement EC.</li> <li>The submitted EC Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>The new Replacement Export Certificate is created with the status 'Raised' and includes a reference to the EC that it replaces including; <ol style="list-style-type: none"> <li>The certificate number of the replaced EC</li> <li>The date/time the replace EC was approved</li> </ol> <i>These details will be displayed when a user views the EC online and are included in the PDF and XML outputs.</i> </li> <li>The existing Export Certificate that is replaced, is updated to have a status of 'Replaced' and include a reference to the EC that replaced it, including; <ol style="list-style-type: none"> <li>The certificate number of the replacement EC</li> <li>The date/time the replacement EC was submitted</li> </ol> <i>These details will be displayed when a user views the EC online.</i> </li> <li>The creation of the replacement EC and the change of status for the replaced EC, are to both generate and send email notifications to all Consignee/or and NZ Inspector users who are configured to receive email notifications.</li> <li>The Replacement EC must have the same Consignor/Exporter ID as the EC it replaces.</li> <li>AP E-cert displays the XML Submit Confirmation screen. For each replacement request in the batch file: <ol style="list-style-type: none"> <li>a record is shown for the successfully created EC and the replaced EC</li> <li>a record is shown with a list of errors for each EC/ED replacement request that could not be successfully processed.</li> </ol> </li> </ol>
<b>Results</b>	string: result
<b>Access</b>	Industry user must have permission to replace the certificate
<b>Request</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:replace_export_certificate_xml&gt;       &lt;certificate_id&gt;NZL2013/TEST604/1236&lt;/certificate_id&gt;       &lt;certificate_xml&gt;base64Binary encoded XML&lt;/certificate_xml&gt;     &lt;/web:replace_export_certificate_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:replace_export_certificate_xmlResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Export Certificate NZL2013/TEST604/1237 raised as a replacement for NZL2013/TEST604/1236&lt;/result&gt;     &lt;/ns1:replace_export_certificate_xmlResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>



#### 4.4.3. request\_amendment\_eligibility\_document

<b>Description</b>	Changes the status of an ED to Request Amendment via a SOAP submission
<b>Parameters</b>	string: <certificate_id> (required) string: <reason> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>To set the status of an ED to Request Amendment, a user must have: <ol style="list-style-type: none"> <li>The Consignor/Consignee role, and</li> <li>Permission to access ED's, and</li> <li>One or more of the following: <ol style="list-style-type: none"> <li>Permission for the Consignor ID of the ED, or</li> <li>Permission for the Consignee ID of the ED, or</li> <li>Access to all Registration ID's.</li> </ol> </li> </ol> </li> <li>Users can only change the status of ED's that are active (users cannot change the status of ED's that are archived).</li> <li>Users can only change the status of ED's to Request Amendment where the Consignor ID of the ED is currently 'active' and 'valid'.</li> <li>Users must provide the Certificate number of the ED they want to change the status of.</li> <li>To change the status of an ED to Request Amendment, a comment must be provided.</li> <li>Users can only change the status of an ED to Request Amendment if the ED currently has a status of <b>Approved</b>.</li> <li>The comment provided can be up to 4000 characters (inclusive), allowing for special and foreign characters to be provided. <ol style="list-style-type: none"> <li>If a reason longer than 4000 characters is provided it will be truncated.</li> </ol> </li> <li>The submitted ED Certificate number must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>AP E-cert triggers a notification to be sent for the status change.</li> <li>AP E-cert returns a response to the system user:</li> <li>If the status change of the ED was successful, return a confirmation message stating 'Status changed to Request Amendment'.</li> <li>If the status change of the ED was not successful, return a list of the errors found, starting each error message on a new line.</li> </ol>
<b>Results</b>	string: result
<b>Error msg</b>	<p>Error You do not have permission to perform this action. AP E-cert determines that the user does not have the Consignor/Consignee role and/or the necessary user permission(s) to perform the action.</p> <p>Error Invalid Certificate Number: &lt;insert the provided certificate number&gt;. AP E-cert determines that the format of the requested certificate number is invalid.</p> <p>Error Please specify a Certificate Number. AP E-cert determines that the user has not supplied a certificate number.</p> <p>Error This Certificate is not active or you do not have permission to view the details: &lt;insert the certificate number &gt;'. AP E-cert is not able to find the requested certificate.</p> <p>Error This Certificate currently has a status of &lt;insert the name of the current status&gt; and cannot be changed to Request Amendment. AP E-cert determines that the current status of the certificate does not allow the requested status change to be made.</p> <p>Error Status change to Request Replacement is not allowed because the Consignor and/or Consignee of this certificate is no longer active. AP E-cert determines that the either the Consignor ID or Consignee ID of the ED is no longer active and valid.</p> <p>Error A comment must be provided for a status change to Request Amendment AP E-cert determines that a comment has not been provided.</p>
<b>Access</b>	Industry user must have permission to view the certificate



<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:request_amendment_eligibility_document&gt;       &lt;certificate_id&gt;NZL2013/TEST39/236T&lt;/certificate_id&gt;       &lt;reason&gt;Test Reason&lt;/reason&gt;     &lt;/web:request_amendment_eligibility_document&gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:request_amendment_eligibility_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Status changed to Request Amendment&lt;/result&gt;     &lt;/ns1:request_amendment_eligibility_documentResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>
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## 4.5. Cancel Methods

### 4.5.1. cancel\_eligibility\_document

<b>Description</b>	Change the status of an Eligibility Document to Cancelled.
<b>Parameters</b>	string: <certificate_id> (required) string: <reason> (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access EDs and has the 'Submit Document' permission can cancel Eligibility Documents (EDs).</li> <li>Users can only cancel EDs with a Consignor ID that is a registration that they have permission to.             <ol style="list-style-type: none"> <li>Users with only permission to an ED Consignee ID or an ED Third Party ID cannot cancel an ED</li> </ol> </li> <li>Users can only cancel active EDs with a current status of <b>Raised, Resubmit, Amended</b> or <b>To Be Amended</b>.</li> <li>Users must provide the Certificate Number of the ED they want to cancel</li> <li>User must provide a comment to explain the reason for cancellation. This comment can be up to (and including) 2000 characters.</li> <li>The submitted ED Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;T</li> <li>AP E-cert returns a response to the system user;             <ol style="list-style-type: none"> <li>If the ED was cancelled successfully, return a confirmation message stating 'Eligibility Document cancelled'</li> <li>If the ED was not cancelled successfully, return a list of the errors found, starting each error message on a new line.</li> </ol> </li> </ol>
<b>Results</b>	string: result
<b>Access</b>	Industry users must have permission to cancel eligibility documents.



<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:cancel_eligibility_document&gt;       &lt;certificate_id&gt;NZL2013/TEST39/236T&lt;/certificate_id&gt;       &lt;reason&gt;Test Reason&lt;/reason&gt;     &lt;/web:cancel_eligibility_document&gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:cancel_eligibility_documentResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;result&gt;Status changed to Cancelled&lt;/result&gt;     &lt;/ns1:cancel_eligibility_documentResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>
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#### 4.5.2. cancel\_export\_certificate

<b>Description</b>	Change the status of the export certificate to Cancelled
<b>Parameters</b>	string: certificate_id (required) string: reason (required)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee and that have permission to access ECs and has the 'Submit Document' permission can cancel Export Certificates (ECs).</li> <li>Users can only cancel ECs with an Exporter ID that is a registration that they have permission to. <ol style="list-style-type: none"> <li>Users with only permission to an ED Consignee ID or an EC/ED Third Party ID cannot cancel an EC</li> </ol> </li> <li>Users can only cancel active ECs with a current status of <b>Raised</b>, <b>Resubmit</b> or <b>Amended</b>.</li> <li>Users must provide the Certificate Number of the EC they want to cancel</li> <li>User must provide a comment to explain the reason for cancellation. This comment can be up to (and including) 2000 characters.</li> <li>The submitted EC Certificate numbers must be in the format: NZL&lt;year&gt;/&lt;alpha_numeric&gt;/&lt;numeric&gt;</li> <li>AP E-cert returns a response to the system user; <ol style="list-style-type: none"> <li>If the EC was cancelled successfully, return a confirmation message stating either 'Eligibility Document cancelled' or 'Export Certificate cancelled'</li> <li>If the EC was not cancelled successfully, return a list of the errors found, starting each error message on a new line.</li> </ol> </li> </ol>
<b>Results</b>	string: result
<b>Access</b>	Industry User must have permission to Cancel export certificates
<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:cancel_export_certificate&gt;       &lt;certificate_id&gt;NZL2013/TEST39/236&lt;/certificate_id&gt;       &lt;reason&gt;Test Reason&lt;/reason&gt;     &lt;/web:cancel_export_certificate&gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt; &lt;soap:Body&gt;   &lt;ns1:cancel_export_certificateResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;     &lt;result&gt;Status changed to Cancelled&lt;/result&gt;   &lt;/ns1:cancel_export_certificateResponse&gt; &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre>

### 4.6. Template Methods

#### 4.6.1. get\_available\_templates



<b>Description</b>	This SOAP method will allow users to retrieve a list of the templates that are currently available <b>in the given environment</b> .
<b>Parameters</b>	<p>string: &lt;template_type&gt; (optional)</p> <ul style="list-style-type: none"> <li>- With a value of either 'ED' or 'EC'</li> <li>- When not specified both ED and EC templates will be returned</li> </ul> <p>string: &lt;country_code&gt; (optional)</p> <ul style="list-style-type: none"> <li>- With a value of a Country <b>Code (importing country)</b></li> <li>- When specified the search will only return EC templates</li> <li>- When not specified the search will return all templates irrespective of the Importing Countries</li> </ul> <p>string: &lt;commodity_type&gt; (optional)</p> <ul style="list-style-type: none"> <li>- With a value of either 'Meat', 'Dairy', 'Seafood' or 'Other'</li> <li>- When specified the search will only return EC templates</li> <li>- When not specified the search will return all templates irrespective of the Commodity type</li> </ul>
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>1. Only users with a role of Consignor/Consignee can request to get the list of available templates via SOAP.</li> <li>2. EC and ED TMT Templates with a status of "Review" are included in the list of available templates in the Training environments (not in the Production environment).</li> <li>3. EC and ED TMT Templates with a status of "Approved" are included in the list of available templates in the Training and Production environments.</li> <li>4. Templates are to be listed in alphabetical order based on the Template ID, if both ED and EC templates are to be returned, ED templates are listed first and then the EC templates.</li> <li>5. The list of available templates returned via SOAP will include the following details for each template: <ol style="list-style-type: none"> <li>a. Template Type <ol style="list-style-type: none"> <li>i. This will either be 'ED' or 'EC'</li> </ol> </li> <li>b. Template ID <ol style="list-style-type: none"> <li>i. This will include the version number e.g. US100.4</li> </ol> </li> <li>c. Template Title <ol style="list-style-type: none"> <li>i. This will just include the English version of the title</li> </ol> </li> <li>d. Template Status <ol style="list-style-type: none"> <li>i. This will include the name of the status e.g. Approved</li> </ol> </li> <li>e. Template Importing Countries <ol style="list-style-type: none"> <li>i. This will include the name and code of the Importing Country (or countries)</li> <li>ii. This is applicable for EC templates only</li> </ol> </li> </ol> <p>Note that a search for only ED templates and a particular Importing Country and/or a particular Commodity type will never return any results as the last two filters are only applicable to EC templates. Also a search that does not specify a Template Type but does specify a Importing Country/Commodity Type will only return EC Templates)</p> </li> </ol>
<b>Results</b>	Base64Binary
<b>Access</b>	Industry User must have permission to retrieve template data





<b>Example</b>	<p><b>Request</b></p> <pre>&lt; soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_available_templates&gt;       &lt;template_type&gt;EC&lt;/template_type&gt;       &lt;country_code&gt;US&lt;/country_code&gt;       &lt;commodity_type&gt;Meat&lt;/commodity_type&gt;     &lt;/web:get_available_templates&gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:get_available_templatesResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;template_details&gt;xxx&lt;/template_details&gt;     &lt;/ns1:get_available_templatesResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><i>Where xxx decoded is</i></p> <pre>&lt;te:template&gt;   &lt;te:template_id&gt;US100.4&lt;/te:template_id&gt;   &lt;te:template_title&gt;Official Veterinary Meat Inspection Certificate for Fresh Meat, Meat Byproducts and Animal Casings for USA&lt;/te:template_title&gt;   &lt;te:template_type&gt;EC&lt;/te:template_type&gt;   &lt;te:template_status&gt;APPROVED&lt;/te:template_status&gt;   &lt;te:template_updated_date_time&gt;07-Jan-2015 08:39&lt;/te:template_updated_date_time&gt; &lt;te:template_countries&gt;   &lt;te:country&gt;     &lt;te:country_code&gt;US&lt;/te:country_code&gt;     &lt;te:country_name&gt;United States&lt;/te:country_name&gt;   &lt;/te:country&gt; &lt;/te:template_countries&gt; &lt;/te:template&gt;</pre>
----------------	---

#### 4.6.2. get\_template\_xml

<b>Description</b>	This SOAP method will allow users to retrieve the Template Submission XML for a specified template that is currently active <b>in the given environment</b> .
<b>Parameters</b>	string: <template_id> (mandatory) <template_type> (mandatory)
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee can request to retrieve the Template Submission XML via SOAP.</li> <li>Users must specify a template to retrieve the Template Submission XML for, and this can be provided with or without a version number. <ol style="list-style-type: none"> <li>If a version number is provided a template with the provided version must be 'active' (see next rule) in the environment the user is using.</li> <li>If a version number is not provided, the system must derive which version to return by looking at all the 'active' templates with the provided ID and if there is more than one (which is only possible in pre-production environments) return the version of the template with the highest version number.</li> </ol> </li> <li>Users can only retrieve the Template Submission XML for a template that is 'active' in the environment the request is made from, as determined by: <ol style="list-style-type: none"> <li>EC and ED TMT Templates with a status of "Review" are deemed to be 'active' in the Training environments (not in the Production environment).</li> <li>EC and ED TMT Templates with a status of "Approved" are deemed to be 'active' in the Training and Production environments.</li> </ol> </li> <li>Template Submission XML file includes: <ol style="list-style-type: none"> <li>Basic information</li> <li>Additional Information such as mandatory elements, list names, declaration statements</li> <li>Submission XML format</li> </ol> </li> </ol>
<b>Results</b>	Base64Binary
<b>Access</b>	Industry User must have permission to retrieve template data



<b>Example</b>	<p><b>Request</b></p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_template_xml&gt;       &lt;template_id&gt;US100.4&lt;/template_id&gt;       &lt;template_type&gt;EC&lt;/template_type&gt;     &lt;/web:get_template_xml&gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;soap:Body&gt;     &lt;ns1:get_template_xmlResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/"&gt;       &lt;preview_template_submission&gt;xxx&lt;/preview_template_submission&gt;     &lt;/ns1:get_template_xmlResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><i>Where xxx decoded is a Base64Binary file. See section 10 for an example.</i></p>
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#### 4.6.3. get\_list\_of\_values

<b>Description</b>	This SOAP method will allow users to retrieve a list of the code and text values of all the items for a particular list of values.
<b>Parameters</b>	string: <category>(mandatory) <list_id> (mandatory), except for CommonName
<b>Business Rules</b>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee can request to retrieve the code and text details of the items for a list of values via SOAP.</li> <li>Users must specify the ID of the list of values they need to retrieve, and it must exist as a list of values.</li> <li>A list of items can be retrieved for all of the following lists of values maintained in TMT: <ol style="list-style-type: none"> <li>Any Header Remark Type that has an associated list of items</li> <li>Any Product Remark Type that has an associated list of items</li> <li>Any Classification Type that has an associated list of items</li> <li>Description</li> <li>Intended Use</li> <li>(Species) Common Name</li> <li>Scientific Name</li> <li>Package Types</li> <li>Domestic Transport Modes</li> <li>Export Transport Modes</li> <li>Weight Units</li> <li>Volume Units</li> <li>Process Types</li> <li>Origin</li> <li>Inspection Types</li> <li>Countries</li> </ol> </li> <li>A list of Ports maintained in TMT cannot be retrieved using this SOAP method.</li> <li>For each item in a particular list of values, the following details are returned: <ol style="list-style-type: none"> <li>Code value (<i>this can have up to 50 characters</i>)</li> <li>Text value (<i>this can have up to 4000 characters</i>)</li> </ol> </li> <li>The 'NZHSC' Classification type has items that are 'headers' and items that are 'selectable'. This method will only return the 'selectable' items – this is items with a code value that is longer than 4 characters.</li> <li>The Description category has items that are 'headers' and items that are 'selectable'. This method will only return the 'selectable' items – this is items with a code value that is longer than 3 characters.</li> <li>Species Common Name category has 3 separate types that each has an associated list of items (Animal, Game and Seafood Species); the items of these 3 types will all be returned when a user requests the list of values for the Species Common Name.</li> </ol>
<b>Results</b>	string: result
<b>Access</b>	Industry User must have permission to retrieve template data



<p><b>Example</b></p>	<p><b>Request</b></p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;web:get_list_of_values&gt;       &lt;category&gt;CSTM&lt;/category&gt;       &lt;list_id&gt;ProcessType&lt;/list_id&gt;     &lt;/web:get_list_of_values&gt;   &lt;/soapenv:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><b>Returns</b></p> <pre>&lt;soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz"&gt;   &lt;soap:Body&gt;     &lt;ns1:get_list_of_valuesResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz"&gt;       &lt;list_reference&gt;xxx&lt;/list_reference&gt;     &lt;/ns1:get_list_of_valuesResponse&gt;   &lt;/soap:Body&gt; &lt;/soap:Envelope&gt;</pre> <p><i>Where xxx decoded is a Base64Binary file. See section 12 for an example.</i></p>
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#### 4.6.4. get\_all\_lists (New)

<p><b>Description</b></p>	<p>This SOAP method will allow users to retrieve a list of the code and text values of <b>all</b> the items for <b>all</b> templates</p>
<p><b>Parameters</b></p>	<p>None</p>
<p><b>Business Rules</b></p>	<ol style="list-style-type: none"> <li>Only users with a role of Consignor/Consignee can request to retrieve the code and text details of the items for a list of values via SOAP.</li> <li>A list of items can be retrieved for all of the following lists of values maintained in TMT: <ol style="list-style-type: none"> <li>Any Header Remark Type that has an associated list of items</li> <li>Any Product Remark Type that has an associated list of items</li> <li>Any Classification Type that has an associated list of items</li> <li>Description</li> <li>Intended Use</li> <li>(Species) Common Name</li> <li>Scientific Name</li> <li>Package Types</li> <li>Domestic Transport Modes</li> <li>Export Transport Modes</li> <li>Weight Units</li> <li>Volume Units</li> <li>Process Types</li> <li>Origin</li> <li>Inspection Types</li> </ol> </li> <li>A list of Ports maintained in TMT cannot be retrieved using this SOAP method.</li> <li>For each item in a particular list of values, the following details are returned: <ol style="list-style-type: none"> <li>Code value (<i>this can have up to 50 characters</i>)</li> <li>Text value (<i>this can have up to 4000 characters</i>)</li> </ol> </li> <li>The 'NZHSC' Classification type has items that are 'headers' and items that are 'selectable'. This method will only return the 'selectable' items – this is items with a code value that is longer than 4 characters.</li> <li>The Description category has items that are 'headers' and items that are 'selectable'. This method will only return the 'selectable' items – this is items with a code value that is longer than 3 characters. 7. Species Common Name category has 3 separate types that each has an associated list of items (Animal, Game and Seafood Species); the items of these 3 types will all be returned when a user requests the list of values for the Species Common Name.</li> </ol>
<p><b>Results</b></p>	<p>string: result</p>
<p><b>Access</b></p>	<p>Industry User must have permission to retrieve template data</p>
<p><b>Example</b></p>	<p><b>Request</b></p> <pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz"&gt;   &lt;soapenv:Header/&gt;</pre>



```
<soapenv:Body>
  <web:get_all_lists/>
</soapenv:Body>
</soapenv:Envelope>

Returns
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:get_all_listsResponse xmlns:ns1="http://webservice.information.ecert.mpi.govt.nz/">
      <list_definitions>xxx</list_definitions>
    </ns1:get_all_listsResponse>
  </soap:Body> </soap:Envelope>
```

*Where xxx decoded is a Base64Binary file.*



## 5. Status Code values

ED and EC Status Code values (in line with UNTDED4405) within some XML:

Status Name value	Status Code value
Raised	70
Resubmit	63
Amended	36
Cancelled	64
Approved	39
Rejected	41
Request Replacements	17
To Be Replaced	115
Replaced	44
Revoked	40
Replacement Authorised	22
Accepted	100
Detained	26
Acknowledged	73
To Be Amended	69
Request Amendment	106

## 6. Online Batch File Requirements

Online batch files utilise the same XML message as SOAP submissions but require their own set of action tags. Examples section 8 and 9.

<b>XML declaration</b>	<code>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt;</code>
<b>Start tag</b>	<code>&lt;batch_request xsi:schemaLocation="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd batch-submission-schema.xsd" xmlns="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"&gt;</code> This is the required start tag for all on-line batch submissions.



<b>Submission type start tag</b>	<p>A tag indicating the submission type:</p> <p>&lt;raise_eligibility_document&gt; or &lt;raise_export_certificate&gt; or</p> <p>&lt;amend_eligibility_document&gt; or &lt;amend_export_certificate&gt; or</p> <p>&lt;cancel_eligibility_document&gt; or &lt;cancel_export_certificate&gt; or</p> <p>&lt;exhaust_eligibility_document&gt; or &lt;exhaust_eligibility_document_products&gt; or</p> <p>&lt;replace_export_certificate&gt;</p>
<b>Certificate tag</b>	<p>The data view will always insert namespaces making the certificate tag as follows;</p> <p>&lt;ec:Certificate xmlns:ec="http://sancrt.mpi.govt.nz/ecert/2013/ec-submission-schema.xsd"&gt; OR</p> <p>&lt;ed:Certificate xmlns:ed="http://sancrt.mpi.govt.nz/ecert/2013/ed-submission-schema.xsd"&gt;</p> <p>OR</p> <p>&lt;Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec-submission-schema.xsd"&gt; OR</p> <p>&lt;Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ed-submission-schema.xsd"&gt; If</p> <p>no name spaces are used.</p> <p>Alternatively for multiple certificate submission</p> <p>&lt;Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec-multiple-submission-schema.xsd" xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ecsubmission-schema.xsd"&gt;</p> <p>&lt;Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ed-multiple-submission-schema.xsd" xmlns="http://sancrt.mpi.govt.nz/ecert/2013/edsubmission-schema.xsd"&gt;</p>
<b>Header tags</b>	a set of tags defining elements, sub-elements and attributes for common information for the whole certificate
<b>Product tags</b>	a set of tags at the Product level defining elements, sub-elements and attributes for information specific to the product item.
<b>Process tags</b>	a set of tags at the Process level for each product item defining elements, sub-elements and attributes for information with regards to processes performed to a product item
<b>Supporting Document tags</b>	Reference to a supporting document which supports the application for a specific product item



<b>Export Certificate Declaration tags</b>	<b>(export certificates only)</b> a set of tags at the certificate level, to define any optional declaration clauses
<b>Certificate type end tag</b>	</Certificate> for any individual request
<b>Submission type end tag</b>	An end tag to match the submission type start tag:
	</raise_eligibility_document> or </raise_export_certificate> or </amend_eligibility_document> or </amend_export_certificate> or </cancel_eligibility_document> or </cancel_export_certificate> or </exhaust_eligibility_document> or </exhaust_eligibility_document_products> or </replace_export_certificate>
<b>End tag</b>	</batch_request> This is the required end tag for all on-line batch submissions.



### Tips and rules

- `<?xml version="1.0" encoding="UTF-8" standalone="yes"?>` and `<ec:Certificate xmlns:ec="http://sancrt.mpi.govt.nz/ecert/2013/ec-submission-schema.xsd">` OR `<ed:Certificate xmlns:ed="http://sancrt.mpi.govt.nz/ecert/2013/ed-submission-schema.xsd">` has to be part of every batch request.
- Online batch files still need `<batch_request>` and the method name `<raise_export_certificate>`.
- The `<batch_request>` open tag has changed to; `<batch_request xsi:schemaLocation="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd batchsubmission-schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance">`
- If submitting multiple actions within the same method only a start method and end method tag around **all** requests (that are the same) is required.

```
<batch_request....>
<raise_export_certificate>
<Certificate....> } Certificate 1
</Certificate>
<Certificate....> } Certificate 2
</Certificate>
</raise_export_certificate>
</batch_request>
```

- `<ec:...>` or `<ed:...>` as seen in the data view is a namespace holder and does not need to be part of the submission but can also be left in.
- Empty data elements, that are part of the templates, are treated as null values.
- Data supplied for elements that are not part of the template, but are part of the schema, will be ignored.
- The – in the data view can no longer be submitted. Use the ‘View Source’ (right click on the data view screen and click on view (page) source) view to copy the data view.
- Using a plain text editor with a language view for XML is the best place to edit batch files.





- Some elements from the data view are not needed for submission. It is best practice to remove these to avoid confusion but they can be left in the message and will be ignored in the system, i.e. <Status Code>, <LastUpdatedDate>, <Exhausted>, etc.
- <TemplateID> without a version number will always use the current live version.
- The data view will always display the <TemplateID> with a version number as it shows the version used for that particular certificate.
- <TemplateID> is not required for EDs as there will only every be 1 active ED Template but again the data view will list the actual template version used for the certificate.
- If a template ID is given it will be validated against the list of available templates.
- Some elements cannot be left 'empty'; such as <ShipStores>, <DateOverride> or dates <DepartureDate>. These are Boolean/date type elements that always require a value.
- Phrases and mandatory declarations without user input do not have to part of the batch file submission and will be added automatically as part of the process. We do recommend that users do include these as an acknowledgement that they have been 'selected'.

- Replacing an export certificate is allowed via batch file but requires additional tags identifying the certificate that is to be replaced, the following is the start of the batch file;

```
<replace_export_certificate>
  <replace_certificate>
    <certificate_id>NZL2013/TEST32/1102</certificate_id>
    <Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec-submission-schema.xsd">
      <Identifiers>
        <CertificateID>NZL2013/TEST32/1322</CertificateID>
        <UCRID>UCRID</UCRID>
        <TemplateID>AHSOAP1</TemplateID>
      </Identifiers>
    </Certificate>
  </replace_certificate>
</replace_export_certificate>
```

- Exhaustion of EDs and ED product is allowed via batch file and require the following tags

```
<exhaust_eligibility_document>
  <exhaust_certificate>
    <certificate_id>NZL2013/MKW1/990237T</certificate_id>
    <comment>Fully exhausting NZL2013/MKW1/990237T</comment>
  </exhaust_certificate>
</exhaust_eligibility_document>
```



```
<exhaust_eligibility_document_products>
  <exhaust_certificate_products>
    <certificate_id>NZL2013/TEST10/990235T</certificate_id>
    <product_number>1</product_number>
    <product_number>2</product_number>
    <comment>Exhausting ED NZL2013/TEST10/990235T products of 6</comment>
  </exhaust_certificate_products>
</exhaust_eligibility_document_products>
```

**Type of error handling in E-cert when making a submission:**

- XML parsing
  - Checking proper XML construct; will return line number error but might not point to the exact problem
- Schema validation ◦ Checking that the message content follows the MPI E-cert schema; will list the element that is an issue.
- Data validation ◦ Checking that the element content follows the MPI E-cert data requirements; will list the caption name of the element in question.



## 7. AP E-cert XML Submission Data Standards

### 7.1. Submission Schema

The following AP E-cert XML submission Data Standards are based on the requirements for a submission of an xml to raise either an Eligibility Document or an Export Certificate.

The schema contains all elements allowed in AP E-cert. The submission xml should be based on the **TEMPLATE** requirement which is a subsection of the full schema. So **NOT** all elements within the Data Standard are necessarily required for a successful submission.

#### 7.1.1. Recent EC Submission schema changes

- New Parties element; Destination

#### 7.1.2. ED & EC Submission schema

ED Submission schema <https://www.mpi.govt.nz/dmsdocument/20147-ED-Submission-Schema-XSD>

EC Submission schema <https://www.mpi.govt.nz/dmsdocument/20138-EC-Submission-Schema-XSD>

### 7.2. SOAP XML Submission

SOAP submission request as defined by the WSDL

Description	XML Tags	Comments
Standard static content	<pre>&lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservice.information.ecert.mpi.govt.nz/"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     .....all other file tags and data...   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre>	There are matching tags at the end of the file. Within this tag are all request and certificate data.



Description	XML Tags	Comments
Submission Type	<code>&lt;web:raise_eligibility_document&gt;or &lt;web:raise_export_certificate_document&gt;</code> <i>...all other certificate type tags and data...</i> <code>&lt;/web:raise_eligibility_document&gt;or &lt;/web:raise_export_certificate_document&gt;</code>	There is a matching tag at the end of the submission data. Methods available as per section 4.
Certificate type	<code>&lt;certificate_xml&gt;</code> <i>...all other EC or ED tags, data Base64 encoded... &lt;/certificate_xml&gt;</i>	There is a matching tag at the end of the certificate data.

## 7.3. Eligibility Document Submission Data Standards

### 7.3.1. ED data element details

The use of **optional/mandatory** data elements described below for Eligibility Document Submission will depend on the Market Access requirement that is defined on the Certificate Template. When defining the Template MPI has the opportunity to define when data items are not required, remain optional, or become mandatory. Within E-cert itself it is possible to view the XML data requirements of a Template by selecting the **data view** from within the Available Templates page. The order within the Header section is defined in the relevant XML Schema Definition.

Occurance : 0..1 none or one; 1..1 only one; 0..\* none or more; 1..\* at least one or more, 1..3 one, two or three

Description	Occurance	Type	XML tags	Notes for tags
Certificate type	1..1		<code>&lt;Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ed-multiple-submissionschema.xsd" xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ed-submission-schema.xsd"&gt;</code> <i>.....</i> all other tags for the certificate <i>.....</i> <code>&lt;/Certificate&gt;</code>	XSD schema has to be referenced for a successful submission. This is being used for parsing purposes when submitting the file.
Identifiers	1..1		<code>&lt;Identifiers&gt;</code> <code>&lt;CertificateID&gt;NZL2011/BERND1/123T&lt;/CertificateID&gt;</code> <code>&lt;UCRID&gt;Unique Consignment Reference No &lt;/UCRID&gt;</code> <code>&lt;TemplateID&gt;UNCEFACT1.1&lt;/TemplateID&gt;</code>	Use full Certificate Number when using the amend methods.
Certificate ID	1..1	String		Unique serial number within the calendar year used as last component in Certificate Number.



## AP E-cert Submissions using XML

UCRID	0..1	String	</Identifiers>	Unique reference to identify the consignment based on industry identifier
Template ID	1..1	String		Requires valid template. If version number is not included than the latest 'active' template will be chosen.

Description	Occurrence	Type	XML tags	Notes for tags
				Refers to the template used in the submission
Urgency	0..1	String	<Urgency>Urgent</Urgency>	Identifies the urgency of the Certificate e.g. Urgent, 24 Hours
AutoApproval	0..1	Boolean	<AutoApproval>>false</AutoApproval>	Eligibility Document is automatically approved by the system if true if the submitter has the relevant permissions.
Departure date	0..1	DateType yyyy-mm-dd	<DepartureDate>2011-11-22</DepartureDate>	Date of departure from New Zealand port of export.
Parties	1..1		<Parties> <ConsignorID> <ConsigneeID> <ThridParty> </Parties>	See details below
ConsignorID	1..1	String	<ConsignorID>PartyName</ConsignorID>	Identifier of the Consignor of the Eligibility Document
ConsigneeID	1..1	String	<ConsigneeID>PartyName</ConsigneeID>	Identifier of the Consignee of the Eligibility Document
ThirdParty	0..1		<ThirdParty> <ID>Third Party ID</ID> </ThirdParty>	Third party involved in product processing (is the ID of another premise who are allowed to view the details of this certificate request)
ID	1..*	String		One entry per Third Party
Transport	0..1		<Transport> <Ports> <LoadingPortID>PortCode</LoadingPortID> </Ports> <FinalDestination>Final Destination</FinalDestination>	Container for Certificate Transport details
Loading port	0..1	String	<TransportMode>1</TransportMode> <LocalCarrier>Local Carrier</LocalCarrier>	The exporting country port where the consignment is loaded Valid five-letter port code
Final destination	0..1	String		Final destination after transit 5 letter code will convert to city, country format on submission.



## AP E-cert Submissions using XML

Transport mode	0..1	String 1 = Maritime 2 = Rail 3 = Road 4 = Air	Carrier Reference</LocalCarrierReference> <CarrierName>Carrier Name</CarrierName> <ConveyanceReference>Conveyance Ref</ConveyanceReference> </Transport>	Transport mode is a required entry on all export certificates. Road and rail are not permitted on export certificates.
LocalCarrier	0..1	String		The name or identifier of the transport operators carrying the product within NZ.
Local Carrier Reference	0..1	String		The conveyance reference of the local carrier
Carrier name	0..1	String		Name or identifier of the transport company for final ED to the Exporter.
Conveyance ref	0..1	String		Identification of the journey/voyage Voyage or flight number.

Description	Occurrence	Type	XML tags	Notes for tags
Remarks	0..1			
Remark	1..*	CodeType String	<Remarks> <Remark> <RemarkType>Unofficial Information</RemarkType> <RemarkValue>Test UCI</RemarkValue> </Remark> <Remark> <RemarkType>Official Statement</RemarkType> <RemarkValue>Test OI</RemarkValue> </Remark> </Remarks>	There are currently two types of remarks (non repeatable): Unofficial Commercial Information Official Information  RemarkValue represents the actual data.
RemarkType	1..1			
RemarkValue	1..1			
Official Information				
Unofficial commercial information				
Products	0..1		<Products> ..... all other tags for the product section ..... </Products>	Collection of products that make up the consignment request
Product	1..120		<Products> <Product> all other tags for the product section </Product> </Products>	Export Product, One entry per product item



## AP E-cert Submissions using XML

Product item	0..1	Integer	<ProductItem>1</ProductItem>	Sequence Product Number (Identifies the product line on submission and certificate)
Origin	0..1	String	<Origin>Origin</Origin>	The origin of the product item e.g. 'Imported and NZ', 'Imported Only' or 'NZ Only'
Description	0..1	String	<Description>Product Item 1</Description>	Description of the product
Common Name	0..*	String	<CommonName>Species</CommonName>	The common terminology referring to the product species (eg Beef); used to be the Species tag.
Scientific Name	0..*	String	<ScientificName>Scientific Name of product</ScientificName>	The scientific (latin) name of the product
EligibilityCountries	0..1	String	<EligibilityCountries>	The countries this product is eligible for
EligibilityCountryID	0..*	String	<EligibilityCountryID>BE</EligibilityCountryID></EligibilityCountries>	One ID entry per Country
InspectionType	0..1	String	<InspectionType>Text</InspectionType>	The type of inspection performed on the product item e.g. ante-mortem inspection
Production Batch	0..*	String	<ProductionBatch>Production Batch of product</ProductionBatch>	The batch/lot/cypher or other such markings of the product, aka product item marks. Multiple Production Batch values are allowed via repeatable element fields. Online users should use a "comma" to separate different values.
First Expiry date	0..1	DateType yyyy-mm-dd	<FirstExpiryDate>2012-11-22</FirstExpiryDate>	Earliest in Range is assigned to the template

Description	Occurrence	Type	XML tags	Notes for tags
Last Expiry Date	0..1	DateType yyyy-mm-dd	<LastExpiryDate>2013-11-22</LastExpiryDate>	Latest in Range is assigned to the template
Intended use	0..*	String	<IntendedUse>Intended Use for product</IntendedUse>	The intended use for the product
Gross Weight unitCode	0..1 0..1	Decimal	<GrossWeight unitCode="KGM">11</GrossWeight>	Gross Weight of container/packaging, weight and unit. This OR Gross Volume can be submitted not both.
Gross Volume unitCode	0..1 0..1	Decimal	<GrossVolume unitCode="LTR">11</GrossVolume>	The Gross Volume of the product. This OR Gross Weight can be submitted not both.
Net Weight unitCode	0..1 0..1	Decimal	<NetWeight unitCode="KGM">10</NetWeight>	Net Weight of container/packaging, weight and unit. This OR Net Volume can be submitted not both.
Net Volume unitCode	0..1 0..1	Decimal	<NetVolume unitCode="LTR">10</NetVolume>	The Net Volume of the product. This OR Net Weight can be submitted not both.



## AP E-cert Submissions using XML

Remarks Remark RemarkType RemarkValue	0..1 1..* 1..1 1..1	String	<Remarks> <Remark> <RemarkType>Product Statement</RemarkType> <RemarkValue>This is a Product Statement</RemarkValue> </Remark> </Remarks>	Product comments and remarks. Only comments authorised by MPI shall be entered.
Classifications Classification ClassificationType ClassificationType	0..1 1..* 1..1 1..1	String String	<Classifications> <Classification> <ClassificationType>New Zealand Harmonised System Code</ClassificationType> <ClassificationValue>020210</ClassificationValue> </Classification> <Classification> <ClassificationType>Treatment type</ClassificationType> <ClassificationValue>bone in</ClassificationValue> </Classification> </Classifications>	Product classifications  Name of the Classification type e.g. New Zealand Harmonised System Code
Source Documents SourceDocument ID ProductItemReference	0..1 1..* 1..1 1..1	String Integer	<SourceDocuments> <SourceDocument> <ID>NZL2011/ME21/764T</ID> <ProductItemReference>1</ProductItemReference> </SourceDocument> </SourceDocuments>	Document references to uniquely identify the eligibility documents (ED)
Containers Container ID Seals ID	0..1 0..200 0..1 0..1 0..*	String  String	<Containers> <Container> <ID>CN12345</ID> <Seals> <ID>NZFSA123</ID> </Seals> </Container> </Containers>	Product Container Consignment container or vessel hold number Container or vessel hold lead seal number
<b>Description</b>	<b>Occurance</b>	<b>Type</b>	<b>XML tags</b>	<b>Notes for tags</b>





## AP E-cert Submissions using XML

Packaging	0..1		<Packaging>	Product Package
Package	1..3		<Package>	Tally of like packages for this product item
Quantity	0..1		<Quantity>10</Quantity>	Description of the type of the package, e.g. Carton
Type	0..1	Integer	<Type>PL</Type>	Package Level
Level	1..1	String	<Level>1</Level>	Packaging Marks
ShippingMarks	0..1	Integer	<ShippingMarks>	Identifying mark applied to outer packages, e.g. batch number
Name	0..*		<Name>Shipping Marks 1</Name>	
		String	</ShippingMarks>	Nominal Gross Weight of container/packaging, used to describe inner, intermediate and outer packaging weights. This OR Nominal Gross Volume can be submitted not both.
NominalGrossWeight	0..1		<NominalGrossWeight unitCode="KGM">10</NominalGrossWeight>	Nominal Gross Volume of container/packaging, used to describe inner, intermediate and outer packaging volumes. This OR Nominal Gross Weight can be submitted not both.
unitCode	0..1	Decimal	<NominalGrossVolume unitCode="LTR">10</NominalGrossVolume>	
			</Package>	
NominalGrossVolume unitCode	0..1		</Packaging>	
	0..1	Decimal		
Processes	0..1		<Processes>	Processes required for specific export certificates.
Process	1..70		<Process>	A type code for the processing type
ProcessTypeCode	1..1		<ProcessTypeCode>GUT</ProcessTypeCode>	Date when processing commenced
StartDate	0..1	String	<StartDate>2011-10-10</StartDate>	Date when processing finished
EndDate	0..1	DateType	<EndDate>2011-10-15</EndDate>	Indicator that allows the process details to override the details retrieved from a source certificate. boolean (true, false)
Override	0..1	DateType	<DateOverride>true</DateOverride>	Foreign premises process
Premise	0..1	Boolean	<Premise>	Foreign premises ID as used in the exporting country
ID	1..1		<ID>ME85</ID>	
ForeignPrimse	0..1		</Premise>	
ForeignPremiseID	1..1	String	<ForeignPremise>	
ForeignPremiseName	0..1		<ForeignPremiseID>est1542</ForeignPremiseID>	
ForeignPremiseNameOverride	0..1	String	<ForeignPremiseName>ForeignPremiseName</ForeignPremiseName>	Foreign premises name
ForeignPremiseCountryID	1..1	String	<ForeignPremiseNameOverride>false</ForeignPremiseNameOverride>	
		Boolean	<ForeignPremiseCountryID>AU</ForeignPremiseCountryID>	Foreign premises country of origin, country code
		String	</ForeignPremise>	
			</Process>	
			</Processes>	
SupportingDocumentReferences	0..1		<SupportingDocumentReferences>	Details of the supporting documents for the product item
SupportingDocumentReference	1..25		<SupportingDocumentReference>	One entry per Supporting Document
SupportingDocumentID	1..1		<SupportingDocumentID>2013/FIC/123</SupportingDocumentID>	The Supporting document ID e.g. 2013/FIC/123
Comment	0..1	String	<Comment>Test comment</Comment>	
			</SupportingDocumentReference>	
			</SupportingDocumentReferences>	



## 7.4. Export Certificate Submission Data Standards

### 7.4.1. EC data element details

The use of **optional/mandatory** data elements described below for Export Certificate Submission will depend on the Market Access requirement that is defined on the Certificate Template. When defining the Template MPI has the opportunity to define when data items are not required, remain optional, or become mandatory. Within E-cert itself it is possible to view the XML data requirements of a Template by selecting the **data view** from within the Available Templates page. The order within the Header section is defined in the relevant XML Schema Definition.

Occurance: 0..1 none or one; 1..1 only one; 0..\* none or more; 1..\* at least one or more; 1..3 one, two or three

Description	Occurance	Type	XML tags	Notes for tags
Certificate type	1..1		<Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec-multiple-submissionschema.xsd" xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec-submission-schema.xsd"> ..... all other tags for the certificate ..... </Certificate>	XSD schema has to be referenced for a successful submission. This is being used for parsing purposes when submitting the file.
Identifiers	1..1		<Identifiers> <CertificateID>NZL2011/BERND1/123</CertificateID> <UCRID>Unique Consignment Reference No </UCRID> <TemplateID>UNCEFACT1.1</TemplateID> </Identifiers>	
Certificate ID	1..1	String		Use full Certificate Number when using the amend or resubmit methods. Unique serial number within the calendar year used as last component in Certificate Number.
UCRID	0..1	String		Unique reference to identify the consignment based on industry identifier
Template ID	1..1	String		Requires valid template. If version number is not included than the latest 'active' template will be chosen. Refers to the template used in the submission
Urgency	0..1	String	<Urgency>Urgent</Urgency>	Identifies the urgency of the Certificate e.g. Urgent, 24 Hours
ApprovedCertificateEmailAddress	0..1		<ApprovedCertificateEmailAddresses> <EmailAddress>example@email.com</EmailAddress> </ApprovedCertificateEmailAddresses>	A list of email address(es) to which approved certificate details will be sent
Email Address	1..*	String		One entry per email address
Departure date	0..1	DateType yyyy-mm-dd	<DepartureDate>2011-11-22</DepartureDate>	Date of departure from New Zealand port of export.



## AP E-cert Submissions using XML

Expected Arrival Date	0..1	DateType yyyy-mm-dd	<ExpectedArrivalDate>2011-12-01</ExpectedArrivalDate>	Date the consignment is expected to arrive at the destination
Exporting Country ID	0..1	String	<ExportingCountryID>NZ</ExportingCountryID>	Country consignor is exporting from (always NZ) Two-letter Country code of exporting country.

Description	Occurance	Type	XML tags	Notes for tags
Importing Country ID	0..1	String	<ImportingCountryID>US</ImportingCountryID>	Country consignor is exporting to / produce is destined for. Two-letter Country code of importing country.
Transit Countries	0..1		<TransitCountries>	Transit country the consignment is travelling through. Multiple contries are allowed in separate <TransitCountryID> tags Two-letter Country code of transit country.
Transit Country ID	0..*	String	<TransitCountryID>CR</TransitCountryID> </TransitCountries>	
Ship Stores	0..1	Boolean True/False	<ShipStores>true</ShipStores>	true - indicator of whether the consignment is to be used as ship stores or false - to be delivered to a warehouse- EU Transit certs only
Parties	1..1		<Parties> <ExporterID> <Importer> <CustomTransitAgent> <Destination> <ThridParty> </Parties>	See details below
Exporter ID	1..1	String	<ExporterID>BERND1</ExporterID>	Must be a valid registered exporter ID.
Importer ID	0..1	String	<Importer> <ID>Importer ID</ID>	ID of the overseas importer of the consignment
Importer Name	0..1	String	<Name>Importer Name</Name>	Name of the overseas importer of the consignment
Importer Address	0..1	String	<Address> <AddressLine1>Importer Address: 1</AddressLine1> <AddressLine2>Importer Address: 2</AddressLine2> <AddressLine3>Importer Address: 3</AddressLine3> <AddressLine4>Importer Address: 4</AddressLine4> <AddressLine5>Importer Address: 5</AddressLine5>	Overseas address of consignee. 5 address lines maximum
Importer City	0..1	String	<CityName>Importer City</CityName>	Separate field for the city
Importer Post Code	0..1	String	<PostCode>Importer Post Code</PostCode>	Separate field for the post code
Importer State	0..1	String	<StateName>Importer State</StateName>	Separate field for the region/state
Importer Country	0..1	String		Separate field for the country



## AP E-cert Submissions using XML

Importer Representative	0..1	String	<CountryID>US</CountryID> </Address> <Representative>Importer Rep</Representative> </Importer>	Name of agent of the Importer if relevant
Custom Transit Agent ID	0..1	String	<CustomsTransitAgent> <ID>Customs Transit Agent ID</ID> <Name>Customs Transit Agent Name</Name> <Address> <AddressLine1>Customs Agent Add1</AddressLine1> <AddressLine2>Customs Agent Add2</AddressLine2>	The identifier of the customs transit agent
Custom Transit Agent Name	0..1	String		The name of the customs transit agent
Custom Transit Agent Address	0..1	String		The address of the customs transit agent
Custom Transit Agent City	0..1	String		The city of the customs transit agent
Custom Transit Agent Post Code	0..1	String		The post code of the customs transit agent

Description	Occurrence	Type	XML tags	Notes for tags
Custom Transit Agent State	0..1	String	<AddressLine3>Customs Agent Add3</AddressLine3> <AddressLine4>Customs Agent Add4</AddressLine4> <AddressLine5>Customs Agent Add5</AddressLine5> <CityName>Customs Agent City</CityName> <PostCode>Customs Agent Post Code</PostCode> <StateName>Customs Agent State</StateName> <CountryID>US</CountryID> </Address> </CustomsTransitAgent>	The state or province of the customs transit agent
Custom Transit Agent Country	0..1	String		The country of the customs transit agent
Destination ID	0..1	String	<Destination> <ID>Destination ID</ID> <Name>Destination Name</Name> <Address> <AddressLine1>Destination Add1</AddressLine1> <AddressLine2>Destination Add2</AddressLine2> <AddressLine3>Destination Add3</AddressLine3> <AddressLine4>Destination Add4</AddressLine4> <AddressLine5>Destination Add5</AddressLine5> <CityName>Destination City</CityName> <PostCode>Destination Post Code</PostCode> <StateName>Destination State</StateName>	The identifier of the destination organisation
Destination Name	0..1	String		The name of the destination organisation
Destination Address	0..1	String		The address of the destination organisation
Destination City	0..1	String		The city of the destination organisation
Destination Post Code	0..1	String		The post code of the destination organisation
Destination State	0..1	String		The state or province of the destination organisation
Destination Country	0..1	String		The country of the destination organisation, must be the same as the country component in the Final Destination



## AP E-cert Submissions using XML

			<CountryID>US</CountryID> </Address> </Destination>	
ThirdParty	0..1		<ThirdParty> <ID>Third Party ID</ID> </ThirdParty>	Third party involved in product processing (is the ID of another premise who are allowed to view the details of this certificate request)
ID	1..*	String		One entry per Third Party
Transport	0..1		<Transport>	Container for Certificate Transport details
Loading port	0..1	String	<Ports> <LoadingPortID>NZWLG</LoadingPortID> <DischargePortID>USABR</DischargePortID> <InspectionPortID>USABB</InspectionPortID> </Ports>	The exporting country port where the consignment is loaded Valid five-letter port code
Discharge port	0..1	String		The port where the consignment is released for delivery
Inspection port	0..1	String	<FinalDestination>Alabama, USA</FinalDestination> <TransportMode>1</TransportMode> <CarrierName>Carrier Name</CarrierName> <ConveyanceReference>Con Ref</ConveyanceReference> </Transport>	The port where the consignment is inspected upon import for border clearance purposes
Final destination	0..1	String		Final destination after transit 5 letter code will convert to city, country format on submission.
Transport mode	0..1	String 1 = Maritime 4 = Air		Transport mode is a required entry on all export certificates. Road and rail are not permitted on export certificates.

Description	Occurrence	Type	XML tags	Notes for tags
Carrier name	0..1	String		Name or identifier of the transport company
Conveyance ref	0..1	String		Identification of the journey/voyage Voyage or flight number.
Remarks	0..1		<Remarks>	



## AP E-cert Submissions using XML

Remark	1..*	CodeType String	<Remark>	<p>There are currently three types of remarks (non repeatable):</p> <ul style="list-style-type: none"> <li>Unofficial Commercial Information</li> <li>Official Information</li> <li>EU Commodity Code</li> </ul> <p>RemarkValue represents the actual data.</p> <p>List of values; Currently Auckland or Christchurch</p>
RemarkType	1..1		<RemarkType>Unofficial Information</RemarkType>	
RemarkValue	1..1		<RemarkValue>Test UCI</RemarkValue>	
Official Information			</Remark>	
Unofficial commercial information			<RemarkType>Official Statement</RemarkType>	
EU Commodity Code			<RemarkValue>Test OI</RemarkValue>	
Signing Office			</Remark>	
			<RemarkType>EU Commodity Code</RemarkType>	
			<RemarkValue>4.A-1</RemarkValue>	
			</Remark>	
			<RemarkType>Signing Office</RemarkType>	
			<RemarkValue>Auckland</RemarkValue>	
			</Remark>	
			</Remarks>	
Products	0..1		<Products>	Collection of products that make up the consignment request
			..... all other tags for the product section ..... </Products>	
Product	1..120		<Products> <Product>	Export Product, One entry per product item
			all other tags for the product section </Product> </Products>	
Product item	0..1	Integer	<ProductItem>1</ProductItem>	Sequence Product Number (Identifies the product line on submission and certificate)
Description	0..1	String	<Description>Product Item 1</Description>	Description of the product
Common Name	0..*	String	<CommonName>Species</CommonName>	The common terminology referring to the product species (eg Beef); used to be the Species tag.
Scientific Name	0..*	String	<ScientificName>Scientific Name of product</ScientificName>	The scientific (latin) name of the product
Production Batch	0..*	String	<ProductionBatch>Production Batch of product</ProductionBatch>	The batch/lot/cypher or other such markings of the product, aka product item marks. Multiple Production Batch values are allowed via repeatable element fields.



## AP E-cert Submissions using XML

Description	Occurrence	Type	XML tags	Notes for tags
				Online users should use a “comma” to separate different values.
First Expiry date	0..1	DateType yyyy-mm-dd	<FirstExpiryDate>2012-11-22</FirstExpiryDate>	Earliest in Range is assigned to the template
Last Expiry Date	0..1	DateType yyyy-mm-dd	<LastExpiryDate>2013-11-22</LastExpiryDate>	Latest in Range is assigned to the template
Intended use	0..*	String	<IntendedUse>Intended Use for product</IntendedUse>	The intended use for the product
Gross Weight unitCode	0..1 0..1	Decimal	<GrossWeight unitCode="KGM">11</GrossWeight>	Gross Weight of container/packaging, weight and unit. This OR Gross Volume can be submitted not both.
Gross Volume unitCode	0..1 0..1	Decimal	<GrossVolume unitCode="LTR">11</GrossVolume>	The Gross Volume of the product. This OR Gross Weight can be submitted not both.
Net Weight unitCode	0..1 0..1	Decimal	<NetWeight unitCode="KGM">10</NetWeight>	Net Weight of container/packaging, weight and unit. This OR Net Volume can be submitted not both.
Net Volume unitCode	0..1 0..1	Decimal	<NetVolume unitCode="LTR">10</NetVolume>	The Net Volume of the product. This OR Net Weight can be submitted not both.
Remarks Remark RemarkType RemarkValue	0..1 1..* 1..1 1..1	String	<Remarks> <Remark> <RemarkType>Product Statement</RemarkType> <RemarkValue>This is a Product Statement</RemarkValue> </Remark> </Remarks>	Product comments and remarks. Only comments authorised by MPI shall be entered.
Classifications Classification ClassificationType ClassificationType	0..1 1..* 1..1 1..1	CodeType Texttype	<Classifications> <Classification> <ClassificationType>New Zealand Harmonised System Code</ClassificationType> <ClassificationValue>020210</ClassificationValue> </Classification> <Classification> <ClassificationType>Treatment type</ClassificationType> <ClassificationValue>bone in</ClassificationValue> </Classification> </Classifications>	Product classifications  Name of the Classification type e.g. New Zealand Harmonised System Code



## AP E-cert Submissions using XML

Source Documents SourceDocument ID ProductItemReference	0..1 1..* 1..1 1..1	String Integer	<SourceDocuments> <SourceDocument> <ID>NZL2011/ME21/764T</ID> <ProductItemReference>1</ProductItemReference> </SourceDocument> </SourceDocuments>	Document references to uniquely identify the eligibility documents (ED)
Containers Container ID	0..1 0..200 0..1	String	<Containers> <Container> <ID>CN12345</ID>	Product Container Consignment container or vessel hold number

Description	Occurrence	Type	XML tags	Notes for tags
Seals ID	0..1 0..*	String	<Seals> <ID>NZFSA123</ID> </Seals> </Container> </Containers>	Container or vessel hold lead seal number
Packaging Package Quantity Type Level ShippingMarks Name  NominalGrossWeight unitCode  NominalGrossVolume unitCode	0..1 1..3 0..1 0..1 1..1 0..1 0..*  0..1 0..1  0..1 0..1	Integer String Integer String Integer String Decimal  Decimal	<Packaging> <Package> <Quantity>10</Quantity> <Type>PL</Type> <Level>1</Level> <ShippingMarks> <Name>Shipping Marks 1</Name> </ShippingMarks> <NominalGrossWeight unitCode="KGM">10</NominalGrossWeight> <NominalGrossVolume unitCode="LTR">10</NominalGrossVolume> </Package> </Packaging>	Product Package Tally of like packages for this product item Description of the type of the package, e.g. Carton Package Level Packaging Marks Identifying mark applied to outer packages, e.g. batch number Nominal Gross Weight of container/packaging, used to describe inner, intermediate and outer packaging weights. This OR Nominal Gross Volume can be submitted not both. Nominal Gross Volume of container/packaging, used to describe inner, intermediate and outer packaging volumes. This OR Nominal Gross Weight can be submitted not both.





## AP E-cert Submissions using XML

Processes	0..1		<Processes>	Processes required for specific export certificates.
Process	1..70		<Process>	A type code for the processing type
ProcessTypeCode	1..1		<ProcessTypeCode>GUT</ProcessTypeCode>	Date when processing commenced
StartDate	0..1	String	<StartDate>2011-10-10</StartDate>	Date when processing finished
EndDate	0..1	DateType	<EndDate>2011-10-15</EndDate>	Indicator that allows the process details to override the details retrieved from a source certificate. boolean (true, false)
Override	0..1	DateType	<DateOverride>true</DateOverride>	Foreign premises process
Premise	0..1	Boolean	<Premise>	Foreign premises ID as used in the exporting country
ID	1..1		<ID>ME85</ID>	
ForeignPrimse	0..1	String	</Premise>	
ForeignPremiseID	1..1		<ForeignPremise>	
ForeignPremiseName	0..1		<ForeignPremiseID>est1542</ForeignPremiseID>	
ForeignPremiseNameOverride	0..1	String	<ForeignPremiseName>ForeignPremiseName</ForeignPremiseName>	Foreign premises name
ForeignPremiseCountryID	1..1	String	<ForeignPremiseNameOverride>false</ForeignPremiseNameOverride>	
		Boolean	<ForeignPremiseCountryID>AU</ForeignPremiseCountryID>	Foreign premises country of origin, country code
		String	</ForeignPremise>	
			</Process>	
			</Processes>	
SupportingDocumentReferences	0..1		<SupportingDocumentReferences>	Details of the supporting documents for the product item
SupportingDocumentReference	1..25		<SupportingDocumentReference>	One entry per Supporting Document
SupportingDocumentID	1..1			The Supporting document ID e.g. 2013/FIC/123
Comment	0..1	String	<SupportingDocumentID>2013/FIC/123</SupportingDocumentID>	
			<Comment>Test comment</Comment>	
			</SupportingDocumentReference>	
			</SupportingDocumentReferences>	
<b>Description</b>	<b>Occurance</b>	<b>Type</b>	<b>XML tags</b>	<b>Notes for tags</b>
DeclarationStatements	0..1		<DeclarationStatements>	List of attestations pertaining to the consignment that that is the subject of the certificate request
DeclarationStatement	1..*		<DeclarationStatement>	Template and declaration number
Code	1..1		<Code>UNCEFACT1/1</Code>	User input value
InputValue	0..*	String	<InputValue>Input Value 1</InputValue>	Only optional and user input declarations need to be declared in the batch file
		String	</DeclarationStatement>	
			</DeclarationStatements>	



## 7.5. Supporting Documents Submission Data Standards

### 7.5.1. Supporting documents element details

Description	Type	SOAP request	FIC	PAC	IP	Other	Comments
Document Type	list	<document_type>	M	M	M	M	The document type drives the mandatory rules for all meta data field FIC – Foreign Ingredient Certificate PAC – Product Analysis Certificate IP – Import Permit OTHER
Document Reference Number	AN35	<document_reference_number>	M	M	M	M	Accepts alphanumeric and all special characters including space
Primary Operator	AN10	<primary_operator>	M	M	M	M	Valid premises ID; ID must be part of system and person profile permissions
Internded Operator (s)	AN10	<intended_operators>	M	M	M	M	Valid premisesID; The Premise/registration IDs entered in this field is not limited to only those, that creator of the SD has permissions to. Where multiple entries of the same registration ID is found, then the system will return an error message.
Country of Origin	AN2	<country_of_origin>	M	NR	M	O	AP E-cert (TMT) Country list code
Product Description	AN256	<product_description>	M	M	M	O	Accepts alphanumeric and all special characters including space
Identification Marks	AN256	<identification_marks>	O	O	O	O	Accepts alphanumeric and all special characters including space
Froegin Premises Of Manufacture	AN256	<foreign_premises_of_manufacture>	O	NR	NR	O*	*For 'Other', if populated, then the NZ Premises of Manufacture field cannot be populated
Foreign Premises ID	AN256	<foreign_premises_id>	O	NR	NR	O*	*For 'Other', if populated, then the NZ Premises of Manufacture field cannot be populated Multiple IDs need to be separated by comma
NZ Premises of Manufacture	AN10	<NZ_premises_of_manufacture>	NR	M	NR	O*	Valid premises ID *For 'Other', if populated, then the Foreign Premises field cannot be populated

Description	Type	SOAP request	FIC	PAC	IP	Other	Comments
Production Date		<production_dates>	O	M	O	O	DD-MMM-YYYY d/m/y (date and month are limited to 1-2 digits and year is limited to 2 digits) 0-10 repeatable field.



## AP E-cert Submissions using XML

From	DD-MMM-YYYY	<code>&lt;date&gt;</code> <code>&lt;from&gt;?&lt;/from&gt;</code> <code>&lt;to&gt;?&lt;/to&gt;</code> <code>&lt;/date&gt;</code>	O	M	O	O	Where both "From" and "To" dates are entered then, the 'From' date must be equal to or earlier than the 'To' date
To	DD-MMM-YYYY		O	M	O	O	If only 'From' date is provided by the user ('To' date is blank) then E-cert will default the 'To' field with the same date as that of the 'From' field (so, both 'From' and 'To' will hold the same date value)
File Attachment		<code>&lt;file_attachment&gt;</code> <code>&lt;file_attachment_optional_details&gt;</code>	M**	M**	M**	M**	Create SD Update SD
File Name	AN256	<code>&lt;file_name&gt;</code>	M**	M**	M**	M**	File name has to include the relevant extension, i.e. Test.docx
Physical File	Binary64	<code>&lt;file_data&gt;</code>	M**	M**	M**	M**	Permitted file types: MS Word and Excel, PDF, Text, JPEG, CSV, JPG, RTF and PNG. File size: Must be no greater than 2mb.
Reason for Update	2000		M*	M*	M*	M*	
M = mandatory O = Optional NR = Not required							
* Mandatory when updating the SD ** Optional when updating the SD							



## 8. Eligibility Document Submission Example

Actual submission data elements might differ depending on ED Templates setup. Example includes online batch file method tags for raising a certificate.

### 8.1. Eligibility Document Submission Example

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<batch_request xsi:schemaLocation="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd batch-submission-schema.xsd"
xmlns="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <raise_eligibility_document> <!--For Batch files only, method tags will differ depending on request. Not required for SOAP submissions-->
  <Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ed-submission-schema.xsd"> <!--For single request only-->
    <Identifiers>
      <CertificateID>ShoulderNumber</CertificateID><!-- NZLYYYY/ConsignorID/NNNNNNT or NNNNNNN-->
      <UCRID>UniqueConsignmentReference</UCRID><!--Unique Government reference to identify the consignment-->
      <TemplateID>ED1</TemplateID><!--Not needed; system will select the latest active template version by default-->
    </Identifiers>
    <Urgency>Urgent</Urgency><!--Identifies the urgency of the certificate e.g. Urgent, 24 Hours-->
    <AutoApproval>false</AutoApproval><!--ED is automatically approved by the system if true; requires special permissions by VS-->
    <DepartureDate>2013-03-01</DepartureDate><!--Date of departure from the consigning premises; YYYY-MM-DD format-->
    <Parties>
      <ConsignorID>PartyName</ConsignorID><!--Identifier of the Consignor of the Eligibility Document (From) -->
      <ConsigneeID>PartyName</ConsigneeID><!--Identifier of the Consignee of the Eligibility Document (To) -->
      <ThirdParty>
        <ID>ThirdPartyID</ID><!--Third Party ID with an interest in the consignment; can be repeatable; needs to be an active registration-->
      </ThirdParty>
    </Parties>
    <Transport>
      <Ports>
        <LoadingPortID>PortCode</LoadingPortID><!-- UNLocode; country and port code-->
      </Ports>
      <FinalDestination>Final Destination</FinalDestination><!--Where the Consignment will end up; country and port code or free text-->
      <TransportMode>1</TransportMode><!-- 1=Maritime, 2=Rail, 3=Road, 4=Air, -->
      <LocalCarrier>Local Carrier</LocalCarrier><!--The name or identifier of the transport operators carrying the product-->
      <LocalCarrierReference>Local Carrier Reference</LocalCarrierReference><!--The conveyance reference of the local carrier-->
      <CarrierName>Carrier Name</CarrierName><!--On a transfer to an exporter the Name of the vessel or airline -->
      <ConveyanceReference>Conveyance Ref</ConveyanceReference><!--TheIdentifier of the voyage or flight the product away from NZ-->
    </Transport>
    <Remarks>
      <Remark>
        <RemarkType>Unofficial Information</RemarkType><!--Name of the Remark type -->
        <RemarkValue>value</RemarkValue><!--
Content of the Remark-->
      </Remark>
    </Remarks>
    <Products>
      <Product><!--One entry per product item; 120 max-->
        <ProductItem>1</ProductItem><!--Product Item sequence number; Has to be sequential starting with 1 within the submission. -->
        <Origin>Origin</Origin><!--The origin of the product item e.g. 'Imported and NZ', 'Imported Only' or 'NZ Only'; from MPI list-->
      </Product>
    </Products>
    <Description>Description</Description><!--Description of the product-->
    <CommonName>SpeciesName</CommonName><!--One entry per Species in the product item; can be repeatable. -->
    <ScientificName>ScientificName</ScientificName><!--One entry per Scientific name of the species; can be repeatable. -->
    <EligibilityCountries><!--The countries this product is eligible for-->
      <EligibilityCountryID>BE</EligibilityCountryID><!--One entry per CountryCode; repeatable-->
    </EligibilityCountries>
    <InspectionType>Text</InspectionType><!--The type of inspection performed on the product item -->
    <ProductionBatch>Production Batch</ProductionBatch><!-- One entry per Production Batch element; can be repeatable. -->
    <FirstExpiryDate>2011-01-03</FirstExpiryDate><!--Product Expiry Date, Earliest in Range-->
    <LastExpiryDate>2011-01-04</LastExpiryDate><!--Product Expiry Date, Latest in Range-->
    <IntendedUse>other</IntendedUse><!--One entry per Intended use for the product; repeatable; use codes if possible-->
    <GrossWeight unitCode="UnitCode">10.0</GrossWeight><!--Gross Weight of the product including packaging; OR-->
    <GrossVolume unitCode="UnitCode">10.0</GrossVolume><!--Gross volume of the product including packaging; -->
    <NetWeight unitCode="UnitCode">10.0</NetWeight><!--Net Weight of the product excluding packaging; OR-->
    <NetVolume unitCode="UnitCode">10.0</NetVolume><!--Net Volume of the product excluding packaging; -->
  </Certificate>
  <Remarks>
    <Remark><!--One entry per Remark-->
      <RemarkType>Product Statement</RemarkType><!--Name of the Remark type -->
    </Remark>
  </Remarks>
</batch_request>
```



```

    <RemarkValue>value</RemarkValue><!--Content of the Remark; as advised by VS-->
</Remark>
    <Remark><!--One entry per Remark-->
        <RemarkType>Product Reference</RemarkType><!--Name of the Remark type, online caption 'Unofficial Commercial Reference' -->
    <RemarkValue>value</RemarkValue><!--Content of the Remark-->    </Remark>

</Remarks>
<Classifications><!--Product classification information; Template dependant--> <Classification>
    <ClassificationType>Temperature</ClassificationType><!--Condition of storage and transport; -->
    <ClassificationValue>Value</ClassificationValue><!--Value from a list (will be validated)-->
</Classification>
    <Classification>
        <ClassificationType>Catch areas</ClassificationType><!--Classification type name; Not always the same as the caption-->
        <ClassificationValue>Value</ClassificationValue><!--free text-->
    </Classification>
    <Classification>
        <ClassificationType>Vessel names / Registration</ClassificationType><!--Classification type name; Not always the same as the
caption-->
        <ClassificationValue>Value</ClassificationValue><!--free text-->
    </Classification>
    <Classification>
        <ClassificationType>IMO numbers</ClassificationType><!--Classification type name; Not always the same as the caption-->
        <ClassificationValue>Value</ClassificationValue><!--free text-->
    </Classification>
    <Classification>
        <ClassificationType>Permit holder signatures/numbers</ClassificationType><!--Classification type name; Not always the same as
the caption-->
        <ClassificationValue>Value</ClassificationValue><!--free text-->
    </Classification>
    <Classification>
        <ClassificationType>Catch dates</ClassificationType><!--Classification type name; Not always the same as the caption-->
        <ClassificationValue>Value</ClassificationValue><!--text-->
    </Classification>
    <Classification>
        <ClassificationType>New Zealand Harmonised System Code</ClassificationType><!--Classification type name; -->
        <ClassificationValue>Value</ClassificationValue><!--Value from a list (will be validated)-->
    </Classification>
</Classifications>
<SourceDocuments>
    <SourceDocument><!--One entry per Source Document; can be repeatable-->
        <ID>NZLYYYY/ConsignorID/NNNNNT</ID><!--Valid, unexhausted, existing ED-->
        <ProductItemReference>Item Number</ProductItemReference><!--Source Product item number-->
    </SourceDocument>
</SourceDocuments>
<Containers>
    <Container><!--One entry per Shipping Container; can be repeatable; 200 max-->
        <ID>Container Number</ID> <!--Shipping Container Number-->
        <Seals><!--Shipping Container Seal Number-->
            <ID>Seal Number</ID><!--One entry per Seal Number; can be repeatable-->
            <ID>Seal Number</ID><!--One entry per Seal Number; can be repeatable-->
        </Seals>
    </Container>
</Containers>
<Packaging>
    <Package><!--One entry per level of Packaging-->
        <Quantity>No of Packages</Quantity><!--Number of packages for this product item at this level-->
        <Type>Package Type</Type><!--The type of package at this level; MPI list-->
        <Level>1</Level><!--The packaging level; Only one level of packaging is used in this example-->
        <ShippingMarks>
            <Name>ItemMarks</Name><!--One entry per Shipping Mark; can be repeatable; \n to create a 2nd line similar to a char return-->
        </ShippingMarks>
        <NominalGrossWeight unitCode="UnitCode">10.0</NominalGrossWeight><!--The Gross Weight per package at this level; OR-->
<NominalGrossVolume unitCode="UnitCode">10.0</NominalGrossVolume><!--The Gross Volume per package at this level; -->
    </Package>
</Packaging>
<Processes>
    <Process><!--One entry per Process; 70 processes max-->
        <ProcessTypeCode>ProcessType</ProcessTypeCode><!--The code for the processing type; MPI list-->
        <StartDate>2011-01-10</StartDate><!--YYYY-MM-DD format-->
        <EndDate>2011-01-11</EndDate><!--YYYY-MM-DD format-->
    </Process>
</Processes>

```



```

    <DateOverride>false</DateOverride><!--Overrides the source certificate process indicator -->
<Premise>
    <ID>ME86</ID><!--ID of the New Zealand processing premises-->
    </Premise>
</Process>
<Process><!--If the process took place overseas-->
    <ProcessTypeCode>ProcessType</ProcessTypeCode><!--The code for the processing type; MPI list-->
    <StartDate>2011-01-20</StartDate><!--YYYY-MM-DD format-->
    <EndDate>2011-01-21</EndDate><!--YYYY-MM-DD format-->
    <DateOverride>false</DateOverride><!--Overrides the source certificate process indicator -->
    <ForeignPremise><!--Foreign Premises Details, if the process took place overseas-->
        <ForeignPremiseID>ForeignPremiseID</ForeignPremiseID><!--The ID of the Foreign Premises-->
        <ForeignPremiseName>ForeignPremiseName</ForeignPremiseName><!--The Name of the Foreign Premises-->
        <ForeignPremiseNameOverride>false</ForeignPremiseNameOverride><!--Overrides the Source Certificate Foreign Premises -->
    </ForeignPremise>
</Process>
</Processes>
<SupportingDocumentReferences><!--Details of the supporting documents for the product item-->
    <SupportingDocumentReference><!--One entry per Supporting Document-->
        <SupportingDocumentID>2013/FIC/123</SupportingDocumentID><!--The Supporting document ID e.g. 2013/FIC/1568745-->
        <Comment>test123</Comment><!--Supporting Document comment-->
    </SupportingDocumentReference>
</SupportingDocumentReferences>
</Product>
</Products>
</Certificate>
</raise_eligibility_document><!--For Batch files only, method tags will differ depending on request-->
</batch_request>

```



## 9. Export Certificate Submission Example

Actual submission data elements might differ depending on EC Templates setup. Example includes online batch file method tags for raising a certificate.

### 9.1. Export Certificate Submission Example

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<batch_request xsi:schemaLocation="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd batch-submission-schema.xsd"
xmlns="http://sancrt.mpi.govt.nz/ecert/2013/batch-submission-schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<raise_export_certificate> <!--For Batch files only, method tags will differ depending on request. Not required for SOAP submissions-->
<Certificate xmlns="http://sancrt.mpi.govt.nz/ecert/2013/ec-submission-schema.xsd"> <!--For single request only-->
  <Identifiers>
    <CertificateID>ShoulderNumber</CertificateID><!--NZLYYYY/ConsignorID/NNNNNN or NNNNNN-->
    <UCRID>UniqueConsignmentReference</UCRID><!--Unique Government reference to identify the consignment-->
    <TemplateID>DEFAULT1.1</TemplateID><!--Template number only; system selects the latest active template version; -->
  </Identifiers>
  <Urgency>Urgent</Urgency><!--Identifies the urgency of the certificate e.g. Urgent, 24 Hours-->
<ApprovedCertificateEmailAddresses>
  <EmailAddress>example@email.com</EmailAddress><!--A list of email address(es) -->
</ApprovedCertificateEmailAddresses>
<DepartureDate>2013-03-04</DepartureDate><!--Date that the consignment leaves NZ; YYYY-MM-DD format-->
<ExpectedArrivalDate>2013-03-04</ExpectedArrivalDate><!--Date the consignment is expected to arrive at the destination; -->
<ExportingCountryID>CountryCode</ExportingCountryID><!--Normally NZ-->
<ImportingCountryID>CountryCode</ImportingCountryID><!--Country code where the consignment is destined for-->
<TransitCountries> <!--2 letter ID of the Countries through which the consignment passes on the way to its destination-->
  <TransitCountryID>CountryCode</TransitCountryID><!--One entry per Transit Country; repeatable-->
</TransitCountries>
<ShipStores>false</ShipStores><!--Consignment is to be used for Ship Stores if true; mainly used for EU Transit consignments-->
<Parties>
  <ExporterID>PartyName</ExporterID><!--Identifier of the Exporter of the certificate-->      <Importer><!--
Importer details-->
  <ID>PartyName</ID><!--The identifier of the Importer-->
  <Name>PartyID</Name><!--The name of the Importer-->
  <Address>
    <AddressLine1>AddressLine</AddressLine1><!--Upto 5 address lines; street address, building name etc.-->
    <AddressLine2>AddressLine</AddressLine2>
    <AddressLine3>AddressLine</AddressLine3>
    <AddressLine4>AddressLine</AddressLine4>
    <AddressLine5>AddressLine</AddressLine5>
    <CityName>City</CityName><!--City name-->
    <PostCode>PostCode</PostCode><!--Post code-->
    <StateName>State</StateName><!--Code or name-->
    <CountryID>CountryCode</CountryID><!--UNLocode; country code only-->
  </Address>
  <Representative>Representative</Representative><!--The name of the Importer's representative-->
</Importer>
<CustomsTransitAgent><!--Customs Transit Agent Details; mainly used for EU Transit consignments-->
  <ID>CustomsTransitAgentID</ID><!--The identifier of the Customs Transit Agent-->
  <Name>CustomsTransitAgentName</Name><!--The name of the Customs Transit Agent-->
  <Address>
    <AddressLine1>CustomsTransitAgentAddress 1</AddressLine1><!--The address of the Customs Transit Agent; -->
    <AddressLine2>CustomsTransitAgentAddress 2</AddressLine2>
    <AddressLine3>CustomsTransitAgentAddress 3</AddressLine3>
    <AddressLine4>CustomsTransitAgentAddress 4</AddressLine4>
    <AddressLine5>CustomsTransitAgentAddress 5</AddressLine5>
    <CityName>CustomsTransitAgentCity</CityName><!--City-->
    <PostCode>12345</PostCode><!--Post code-->
    <StateName>CustomsTransitAgentState</StateName><!--Code or Name-->
    <CountryID>BS</CountryID><!--UNLocode; country code only-->
  </Address>
</CustomsTransitAgent>
  <Destination><!--Destination organisation details; mainly used for EU Export/Transit consignments-->
    <ID>DestinationID</ID><!--The identifier of the destination organisation-->
    <Name>DestinationName</Name><!--The name of the destination organisation-->
    <Address>
```





```

<AddressLine1>DestinationAddress 1</AddressLine1><!--The address of the destination organisation; -->
<AddressLine2>DestinationAddress 2</AddressLine2>
<AddressLine3>DestinationAddress 3</AddressLine3>
<AddressLine4>DestinationAddress 4</AddressLine4>
<AddressLine5>DestinationAddress 5</AddressLine5>
<CityName>DestinationCity</CityName><!--City-->
<PostCode>12345</PostCode><!--Post code-->
<StateName>DestinationState</StateName><!--Code or Name-->
<CountryID>NL</CountryID><!--UNLocode; country code only, must be the same as the country component in the Final Destination-->
</Address>
  <Destination>
    <ThirdParty>
      <ID>ThirdPartyId</ID><!--Third Party ID with an interest in the consignment; can be repeatable; needs to be an active registration-->
    </ThirdParty>
  </Parties>
  <Transport>
    <Ports>
      <LoadingPortID>PortCode</LoadingPortID><!--UNLocode; country and port code-->
      <DischargePortID>PortCode</DischargePortID><!--UNLocode; country and port code-->
      <InspectionPortID>PortCode</InspectionPortID><!--UNLocode; country and port code-->
    </Ports>
    <FinalDestination>Final Destination</FinalDestination><!--Where the Consignment will end up; country and port code or free text-->
  <TransportMode>1</TransportMode><!-- 1=Maritime, 4=Air, -->
  <CarrierName>Carrier Name</CarrierName><!--Name of the vessel or airline-->
  <ConveyanceReference>Conveyance Ref</ConveyanceReference><!--Identifier of the voyage or flight-->
</Transport>
  <Remarks>
    <Remark><!--One entry per Remark-->
      <RemarkType>EU Commodity Code</RemarkType><!--Name of the Remark type -->
      <RemarkValue>value</RemarkValue><!--Content of the Remark; list or tree text as defined by the template-->
    </Remark>
    <Remark>
      <RemarkType>Official Statement</RemarkType><!--Name of the Remark type -->
      <RemarkValue>Official Information</RemarkValue><!--Content of the Remark; as advised by VS-->
    </Remark>
    <Remark>
      <RemarkType>Unofficial Information</RemarkType><!--Name of the Remark type -->
      <RemarkValue>Commercial Information</RemarkValue><!--Content of the Remark-->
    </Remark>
    <Remark>
      <RemarkType>Signing Office</RemarkType><!--Name of the Remark type -->
      <RemarkValue>Auckland</RemarkValue><!--Content of the Remark; list of values-->
    </Remark>
  </Remarks>
  <Products>
    <Product><!--One entry per product item; 120 max-->
      <ProductItem>1</ProductItem><!--Product Item sequence number; Has to be sequential starting with 1 within the submission.-->
      <Description>Description</Description><!--Description of the product-->
      <CommonName>SpeciesName</CommonName><!--One entry per Species in the product item; can be repeatable.-->
      <ScientificName>ScientificName</ScientificName><!--One entry per Scientific (latin) name of the species in the product item.-->
      <ProductionBatch>Production Batch</ProductionBatch><!-- One entry per Production Batch element; can be repeatable. -->
      <FirstExpiryDate>2011-01-03</FirstExpiryDate><!--Product Expiry Date, Earliest in Range-->
      <LastExpiryDate>2011-01-04</LastExpiryDate><!--Product Expiry Date, Latest in Range-->
      <IntendedUse>other</IntendedUse><!--One entry per Intended use for the product; repeatable; use codes if possible-->
      <GrossWeight unitCode="UnitCode">10.0</GrossWeight><!--Gross Weight of the product including packaging; OR-->
      <GrossVolume unitCode="UnitCode">10.0</GrossVolume><!--Gross volume of the product including packaging; list -->
      <NetWeight unitCode="UnitCode">10.0</NetWeight><!--Net Weight of the product excluding packaging; list OR-->
      <NetVolume unitCode="UnitCode">10.0</NetVolume><!--Net Volume of the product excluding packaging; -->
    </Product>
  </Products>
  <Remarks>
    <Remark><!--One entry per Remark-->
      <RemarkType>Product Statement</RemarkType><!--Name of the Remark type -->
      <RemarkValue>value</RemarkValue><!--Content of the Remark; as advised by VS-->
    </Remark>
  </Remarks>
  <Classifications><!--Product classification information; Template dependant-->
    <Classification>
      <ClassificationType>New Zealand Harmonised System Code</ClassificationType><!--Classification type name; -->
      <ClassificationValue>Value</ClassificationValue><!--Value from a list (will be validated) or free text-->
    </Classification>
    <Classification>
      <ClassificationType>Canadian Product Code</ClassificationType><!--Classification type name; Not always the same as the caption-->
      <ClassificationValue>Value</ClassificationValue><!--Value from a list (will be validated) or free text-->
    </Classification>
  </Classifications>

```







```
</Processes>
<SupportingDocumentReferences><!--Details of the supporting documents for the product item-->
  <SupportingDocumentReference><!--One entry per Supporting Document-->
    <SupportingDocumentID>2013/FIC/123</SupportingDocumentID><!--The Supporting document ID e.g. 2013/FIC/1568745-->
  </SupportingDocumentReference>
</SupportingDocumentReferences>
</Product>
</Products>
<DeclarationStatements><!--Certificate Attestations; -->
  <DeclarationStatement><!--One entry per Attestation-->
    <Code>DEFAULT1/1</Code><!--Code number for the declaration statement-->
  </DeclarationStatement>
  <DeclarationStatement><!--One entry per required user input; the first InputValue is always the 1st input 'field'; -->
    <InputValue>InputValue 1-1</InputValue>
    <InputValue>InputValue 1-2</InputValue><!--The second InputValue is always the 2nd input 'field' and so on; -->
  </DeclarationStatement>
</DeclarationStatements>
</Certificate>
</raise_export_certificate><!--For Batch files only, method tags will differ depending on request-->
</batch_request>
```



## 10. get\_available\_templates example

This method allows the system to find the latest template versions for the relevant parameters

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<te:templates xmlns:te="http://sancrt.mpi.govt.nz/ecert/2013/template-schema.xsd">
  <te:template>
    <te:template_id>CN100.1</te:template_id>
    <te:template_title>Sanitary Certificate for Bovine and Ovine/Caprine Meat and Meat Products to the People's Republic of
China</te:template_title>
    <te:template_type>EC</te:template_type>
    <te:template_status>APPROVED</te:template_status>
    <te:template_updated_date_time>07-Jan-2015 08:39</te:template_updated_date_time>
  </te:template>
  <te:template_countries>
    <te:country>
      <te:country_code>CN</te:country_code>
      <te:country_name>China</te:country_name>
    </te:country>
  </te:template_countries>
</te:template>
  <te:template>
    <te:template_id>CN111.1</te:template_id>
    <te:template_title>Sanitary Certificate for Bovine and Ovine/Caprine Meat and Meat Products to the People's Republic of
China</te:template_title>
    <te:template_type>EC</te:template_type>
    <te:template_status>APPROVED</te:template_status>
    <te:template_updated_date_time>07-Jan-2015 08:39</te:template_updated_date_time>
  </te:template>
  <te:template_countries>
    <te:country>
      <te:country_code>CN</te:country_code>
      <te:country_name>China</te:country_name>
    </te:country>
  </te:template_countries>
</te:template>
</te:templates>
```

## 11. get\_template\_xml Submission XML view example

The XML includes basic template information, mandatory details, list of values applicable to the template, declarations for the template and an example of the submission XML for all elements assigned to the template.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<template_submission xmlns="http://sancrt.mpi.govt.nz/ecert/2013/template-submission-schema.xsd"
xmlns:te="http://sancrt.mpi.govt.nz/ecert/2013/template-schema.xsd" xmlns:ec="http://sancrt.mpi.govt.nz/ecert/2013/ec-
submissionschema.xsd" xmlns:ed="http://sancrt.mpi.govt.nz/ecert/2013/ed-submission-schema.xsd">
  <template_configuration>
    <template_basic_information><!--Basic template information -->
      <te:template_id>US100.4</te:template_id>
      <te:template_title>Official Veterinary Meat Inspection Certificate for Fresh Meat, Meat Byproducts and Animal Casings for
USA</te:template_title>
      <te:template_type>EC</te:template_type>
      <te:template_status>REVIEW</te:template_status>
      <te:template_updated_date_time>03-Sep-2014 10:20</te:template_updated_date_time>
    </te:template_basic_information>
    <te:template_countries>
      <te:country>
        <te:country_code>US</te:country_code>
        <te:country_name>United States</te:country_name>
      </te:country>
    </te:template_countries>
  </template_configuration>
  <template_additional_information><!--Additional template information -->
    <template_subtitle>Attachment & package levels UN/CEFACT</template_subtitle>
    <short_title>USA: Meat for Human Consumption</short_title>
    <commodity_type>MEAT</commodity_type>
    <mandatory_elements><!--Mandatory element information -->
      <mandatory_element>
        <path>/Certificate/Identifiers/CertificateID</path>
      </mandatory_element>
    </mandatory_elements>
  </template_additional_information>
```



```

</mandatory_element>
<mandatory_element>
  <path>/Certificate/Products/Product/ProductItem</path>
</mandatory_element>
<mandatory_element>

  <path>/Certificate/Products/Product/Classifications/Classification</path>
  <identifier>New Zealand Harmonised System Code</identifier>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Parties/ExporterID</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Parties/Importer/Name</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Parties/Importer/Address/AddressLine1</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Parties/Importer/Address/CountryID</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Transport/Ports/InspectionPortID</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Transport/Ports/DischargePortID</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/DepartureDate</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Identifiers/TemplateID</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Products/Product/Description</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Products/Product/CommonName</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Products/Product/Packaging/Package/Quantity</path>
</mandatory_element>
  <mandatory_element>
    <path>/Certificate/Products/Product/Packaging/Package/Type</path>
</mandatory_element>
  <mandatory_element>
    <path>/Certificate/Products/Product/NetWeight</path>
</mandatory_element>
  <mandatory_element>
    <path>/Certificate/Products/Product/NetWeight/@unitCode</path>
</mandatory_element>
<mandatory_element>

<path>/Certificate/Products/Product/SupportingDocumentReferences/SupportingDocumentReference/SupportingDocumentID</path>
</mandatory_element>
<mandatory_element>
  <path>/Certificate/Products/Product/SupportingDocumentReferences/SupportingDocumentReference/Comment</path>
</mandatory_element>
  <mandatory_element>
    <path>/Certificate/Products/Product/Processes/Process/ForeignPremise/ForeignPremiseNameOverride</path>
</mandatory_element>
</mandatory_elements>
<values_lists><!--List of values used for the template, can be used to retrieve full lists via SOAP-->
<values_list>
  <element_reference>
    <path>/Certificate/Products/Product/Classifications/Classification</path>
    <identifier>New Zealand Harmonised System Code</identifier>
  </element_reference>
  <list_description>
    <category>CLS</category>
    <list_id>NZHSC</list_id>
  </list_description>

```



```

    <restricted>true</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/Products/Product/Classifications/Classification</path>
      <identifier>Import Authority Code</identifier>
    </element_reference>
    <list_description>
      <category>CLS</category>
      <list_id>ImportAuthorityCode</list_id>
    </list_description>
    <restricted>true</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/ImportingCountryID</path>
    </element_reference>
    <list_description>
      <category>CSTM</category>
      <list_id>Country</list_id>
    </list_description>
    <restricted>true</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/ExportingCountryID</path>
    </element_reference>
    <list_description>
      <category>CSTM</category>
      <list_id>Country</list_id>
    </list_description>
    <restricted>true</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/Parties/Importer/Address/CountryID</path>
    </element_reference>
    <list_description>
      <category>CSTM</category>
      <list_id>Country</list_id>
    </list_description>
    <restricted>true</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/Transport/TransportMode</path>
    </element_reference>
    <list_description>
      <category>TM</category>
      <list_id>Export Transport Modes</list_id>
    </list_description>
    <restricted>true</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/Products/Product/CommonName</path>
    </element_reference>
    <list_description>
      <category>SPC</category>
    </list_description>
    <restricted>false</restricted>
  </values_list>
  <values_list>
    <element_reference>
      <path>/Certificate/Products/Product/Packaging/Package/Type</path>
    </element_reference>
    <list_description>
      <category>PKG</category>
      <list_id>Package Types</list_id>
    </list_description>
    <restricted>true</restricted>
  </values_list>

```



```

</values_list>
<values_list>
  <element_reference>
    <path>/Certificate/Products/Product/Packaging/Package/NominalGrossWeight/@unitCode</path>
  </element_reference>
  <list_description>
    <category>UN</category>
    <list_id>Weight Units</list_id>
  </list_description>
  <restricted>true</restricted>
</values_list>
<values_list>
  <element_reference>
    <path>/Certificate/Products/Product/GrossWeight/@unitCode</path>
</element_reference>
  <list_description>
    <category>UN</category>
    <list_id>Weight Units</list_id>
  </list_description>
  <restricted>true</restricted>
</values_list>
<values_list>
  <element_reference>
    <path>/Certificate/Products/Product/NetWeight/@unitCode</path>
  </element_reference>
  <list_description>
    <category>UN</category>
    <list_id>Weight Units</list_id>
  </list_description>
  <restricted>true</restricted>
</values_list>
<values_list>
  <element_reference>
    <path>/Certificate/Products/Product/Processes/Process/ProcessTypeCode</path>
</element_reference>
  <list_description>
    <category>CSTM</category>
    <list_id>ProcessType</list_id>
  </list_description>
  <restricted>true</restricted>
</values_list>
</values_lists>
<declaration_statements><!--Declarations applicable for the template-->
  <declaration_statement>
    <statement_id>US100/1</statement_id><!--Declarations id required for submission-->
    <type>PHRASE</type><!--PHRASE and MANDATORY types do not have to be part of the submission, they will be added
automatically unless a choice has to be made-->
    <group_number>1</group_number>
    <declaration_statement_text><![CDATA[I HEREBY CERTIFY THAT:]]></declaration_statement_text>
    <user_inputs/>
    <struck_out>false</struck_out>
  </declaration_statement>
  <declaration_statement>
    <statement_id>US100/2</statement_id>
    <type>MANDATORY</type>
    <group_number>2</group_number>
    <declaration_statement_text><![CDATA[The meat and meat byproducts herein described were derived from livestock which received
ante-mortem and post-mortem veterinary inspections at time of slaughter in plants certified for importation of their products into the United States
and are not adulterated or misbranded as defined by the regulations governing meat inspection of the US Department of Agriculture; and that said
products have been handled in a sanitary manner in this country and are otherwise in compliance with requirements equivalent to those in the
Federal Meat Inspection Act and said regulations.]]></declaration_statement_text>
    <user_inputs/>
    <struck_out>false</struck_out>
  </declaration_statement>
  <declaration_statement>
    <statement_id>US100/3</statement_id>
    <type>OPTIONAL_ZERO_OR_ONE</type><!--Any MANDATORY or OPTIONAL clauses might have a choice option as indicated by
the type name-->
    <group_number>3</group_number><!--A group contain 1 or more declaration. This means that all conditions (such as type) apply to
all declarations of the same group-->
    <declaration_statement_text><![CDATA[The samples are for laboratory examination or research.]]></declaration_statement_text>
    <user_inputs/>
    <struck_out>false</struck_out>

```



```

</declaration_statement>
<declaration_statement>
  <statement_id>US100/4</statement_id>
  <type>OPTIONAL_ZERO_OR_ONE</type>
  <group_number>3</group_number><!--Same group number as above indicates that the choice 0 or 1 applies to two declarations-->
  <declaration_statement_text><![CDATA[The animal casings described herein were derived from premises licensed or registered by the
New Zealand Food Safety Authority in accordance with New Zealand law.]]></declaration_statement_text>
  <user_inputs/>
  <struck_out>false</struck_out>
</declaration_statement>
<declaration_statement>
  <statement_id>US100/5</statement_id>
  <type>OPTIONAL_ZERO_OR_ONE</type>
  <group_number>5</group_number>
  <declaration_statement_text><![CDATA[The animal casings herein described were derived from healthy animals (cattle, sheep, swine,
or goats slaughtered in New Zealand) which received ante-mortem and post mortem veterinary inspection at the time of slaughter, are clean and
sound, and free from disease, were prepared and handled only in a sanitary manner, and were not subject to contagion prior to
exportation.]]></declaration_statement_text>
  <user_inputs/>
  <struck_out>false</struck_out>
</declaration_statement>
<declaration_statement>
  <statement_id>US100/6</statement_id>
  <type>OPTIONAL_ZERO_OR_ONE</type>
  <group_number>6</group_number>
  <declaration_statement_text><![CDATA[The following specified risk material was hygienically removed from bovine meat and meat
product: skull, brain, eyes, trigeminal ganglia, spinal cord, dorsal root ganglia (with the exception of the transverse processes of the thoracic and
lumbar vertebrae, wings of the sacrum, and tail) from cattle 30 months of age and older; and, the tonsils and distal ileum of the small intestine from
all age cattle.]]></declaration_statement_text>
  <user_inputs/>
  <struck_out>false</struck_out>
</declaration_statement>
</declaration_statements>
</template_additional_information>
</template_configuration>
<submission_xml><!--Submission elements for the given template. In combination with the mandatory elements, lists and declaration info will
form the basis of a submission XML-->
<export_certificate>
  <ec:Certificate>
    <ec:Identifiers>
      <ec:CertificateID>[code]</ec:CertificateID>
      <ec:TemplateID>US100.4</ec:TemplateID>
    </ec:Identifiers>
    <ec:Urgency>[code]</ec:Urgency>
    <ec:ApprovedCertificateEmailAddresses>
      <ec:EmailAddress>[name or description]</ec:EmailAddress>
    </ec:ApprovedCertificateEmailAddresses>
    <ec:DepartureDate>YYYY-MM-DD</ec:DepartureDate>
    <ec:ExportingCountryID>[code]</ec:ExportingCountryID>
    <ec:ImportingCountryID>[code]</ec:ImportingCountryID>
    <ec:ShipStores>[true or false]</ec:ShipStores>
    <ec:Parties>
      <ec:ExporterID>[code]</ec:ExporterID>
      <ec:Importer>
        <ec:ID>[code]</ec:ID>
        <ec:Name>[name or description]</ec:Name>
        <ec:Address>
          <ec:AddressLine1>[description]</ec:AddressLine1>
          <ec:AddressLine2>[description]</ec:AddressLine2>
          <ec:AddressLine3>[description]</ec:AddressLine3>
          <ec:AddressLine4>[description]</ec:AddressLine4>
          <ec:AddressLine5>[description]</ec:AddressLine5>
          <ec:CityName>[description]</ec:CityName>
          <ec:PostCode>[code]</ec:PostCode>
          <ec:StateName>[code]</ec:StateName>
          <ec:CountryID>[code]</ec:CountryID>
        </ec:Address>
        <ec:Representative>[name or description]</ec:Representative>
      </ec:Importer>
      <ec:ThirdParty>
        <ec:ID>[code]</ec:ID>
      </ec:ThirdParty>
    </ec:Parties>
  </ec:Certificate>

```





```

</ec:Parties>
<ec:Transport>
  <ec:Ports>
    <ec>LoadingPortID>[code]</ec>LoadingPortID>
    <ec>DischargePortID>[code]</ec>DischargePortID>
    <ec>InspectionPortID>[code]</ec>InspectionPortID>
  </ec:Ports>
  <ec>FinalDestination>[code or description]</ec>FinalDestination>
  <ec>TransportMode>[code]</ec>TransportMode>
  <ec>CarrierName>[name or description]</ec>CarrierName>
  <ec>ConveyanceReference>[name or description]</ec>ConveyanceReference>
</ec:Transport>
<ec>Remarks>
  <ec>Remark>
    <ec>RemarkType>Unofficial Information</ec>RemarkType>
    <ec>RemarkValue>[code or description]</ec>RemarkValue>
  </ec>Remark>
  <ec>Remark>
    <ec>RemarkType>Official Statement</ec>RemarkType>
    <ec>RemarkValue>[code or description]</ec>RemarkValue>
  </ec>Remark>
</ec>Remarks>
<ec>Products>
  <ec>Product>
    <ec>ProductItem>[value]</ec>ProductItem>
    <ec>Description>[name or description]</ec>Description>
    <ec>CommonName>[name or description]</ec>CommonName>
    <ec>GrossWeight unitCode="[code]">[value]</ec>GrossWeight>
    <ec>NetWeight unitCode="[code]">[value]</ec>NetWeight>
    <ec>Remarks>
      <ec>Remark>
        <ec>RemarkType>Product Statement</ec>RemarkType>
        <ec>RemarkValue>[code or description]</ec>RemarkValue>
      </ec>Remark>
    </ec>Remarks>
    <ec>Classifications>
      <ec>Classification>
        <ec>ClassificationType>New Zealand Harmonised System Code</ec>ClassificationType>
        <ec>ClassificationValue>[code or description]</ec>ClassificationValue>
      </ec>Classification>
      <ec>Classification>
        <ec>ClassificationType>Import Authority Code</ec>ClassificationType>
        <ec>ClassificationValue>[code or description]</ec>ClassificationValue>
      </ec>Classification>
    </ec>Classifications>
    <ec>SourceDocuments>
      <ec>SourceDocument>
        <ec>ID>[code]</ec>ID>
        <ec>ProductItemReference>[value]</ec>ProductItemReference>
      </ec>SourceDocument>
    </ec>SourceDocuments>
    <ec>Containers>
      <ec>Container>
        <ec>ID>[description]</ec>ID>
        <ec>Seals>
          <ec>ID>[description]</ec>ID>
        </ec>Seals>
      </ec>Container>
    </ec>Containers>
    <ec>Packaging>
      <ec>Package>
        <ec>Quantity>[value]</ec>Quantity>
        <ec>Type>[code]</ec>Type>
        <ec>Level>[code]</ec>Level>
        <ec>ShippingMarks>
          <ec>Name>[description]</ec>Name>
        </ec>ShippingMarks>
        <ec>NominalGrossWeight unitCode="[code]">[value]</ec>NominalGrossWeight>
      </ec>Package>
    </ec>Packaging>
    <ec>Processes>
      <ec>Process>
        <ec>ProcessTypeCode>[code]</ec>ProcessTypeCode>

```





```

    <ec:StartDate>YYYY-MM-DD</ec:StartDate>
    <ec:EndDate>YYYY-MM-DD</ec:EndDate>
    <ec:DateOverride>[true or false]</ec:DateOverride>
    <ec:Premise>
      <ec:ID>[code]</ec:ID>
    </ec:Premise>
  </ec:Process>
</ec:Processes>
<ec:SupportingDocumentReferences>
  <ec:SupportingDocumentReference>
    <ec:SupportingDocumentID>[code]</ec:SupportingDocumentID>
    <ec:Comment>[description]</ec:Comment>
  </ec:SupportingDocumentReference>
</ec:SupportingDocumentReferences>
</ec:Product>
</ec:Products>
<ec:DeclarationStatements>
  <ec:DeclarationStatement>
    <ec:Code>[code]</ec:Code>
    <ec:InputValue>[name or description]</ec:InputValue>
  </ec:DeclarationStatement>
</ec:DeclarationStatements>
</ec:Certificate>
</export_certificate>
</submission_xml>
</template_submission>

```

## 12. get\_list\_of\_values example

The list of values describes all allowable values for a submission element as the user would normally have available via the GUI as a drop down, pop up or type ahead list.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<te:list_reference xmlns:te="http://sancrt.mpi.govt.nz/ecert/2013/template-schema.xsd">
  <te:item>
    <te:item_code>CHI</te:item_code>
    <te:item_text>Chilling</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>COL</te:item_code>
    <te:item_text>Collection</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>CBO</te:item_code>
    <te:item_text>Cutting/Boning</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>FRD</te:item_code>
    <te:item_text>Freeze Dried</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>FRE</te:item_code>
    <te:item_text>Freezing</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>HAR</te:item_code>
    <te:item_text>Harvest</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>KIL</te:item_code>
    <te:item_text>Killing</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>MAN</te:item_code>
    <te:item_text>Manufacture</te:item_text>
  </te:item>
  <te:item>
    <te:item_code>PKG</te:item_code>

```



```
<te:item_text>Packing</te:item_text>
</te:item>
<te:item>
  <te:item_code>PRE</te:item_code>
  <te:item_text>Preservation</te:item_text>
</te:item>
<te:item>
  <te:item_code>PRO</te:item_code>
  <te:item_text>Processing</te:item_text>
</te:item>
<te:item>
  <te:item_code>RFR</te:item_code>
  <te:item_text>Refreezing</te:item_text>
</te:item>
<te:item>
  <te:item_code>REF</te:item_code>
  <te:item_text>Refrigeration</te:item_text>
</te:item>
<te:item>
  <te:item_code>REN</te:item_code>
  <te:item_text>Rendering</te:item_text>
</te:item>
<te:item>
  <te:item_code>RPG</te:item_code>
  <te:item_text>Repacking</te:item_text>
</te:item>
<te:item>
  <te:item_code>SER</te:item_code>
  <te:item_text>Service</te:item_text>
</te:item>
<te:item>
  <te:item_code>SLT</te:item_code>
  <te:item_text>Slaughter</te:item_text>
</te:item>
<te:item>
  <te:item_code>STO</te:item_code>
  <te:item_text>Storage</te:item_text>
</te:item>
<te:item>
  <te:item_code>THA</te:item_code>
  <te:item_text>Thawing</te:item_text>
</te:item>
<te:item>
  <te:item_code>TRA</te:item_code>
  <te:item_text>Transfer</te:item_text>
</te:item>
<te:item>
  <te:item_code>USG</te:item_code>
  <te:item_text>Usage</te:item_text>
</te:item>
<te:item>
  <te:item_code>ZZZ</te:item_code>
  <te:item_text>ZZZ</te:item_text>
</te:item> </te:list_reference>
```