TEST CASE – H2 STANDARD

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Document history

Version	Date	Author	Status	Comments
0.1	04-04-2024	Emilie Madsen	Draft	Original Draft
0.2	11-12-2024	Thomas Sørup Bavnhøj	Draft	Changes to follow TFE02 flow
1.0	09-01-2025	Thomas Sørup Bavnhøj	Complete	Updated document according to RC12
1.2	22-01-2025	Michael Larsson	Completed	Added authorisation text to Section 1
1.3	19-05-2025	Emilie Madsen	Completed	Removed old import service on TFE02 and added ned TFE import service.

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1 Pre-conditions

To complete the functional test case for "H2 Standard", the company must have an established connection to the AS4-gateway, and have a functioning system user to DMS Import, see Connectivity Guide & System Guide.

Furthermore, ensure that you for this test case have the correct URLs, Services, and Actions, as seen below. In place of {CVR} and {UUID}, fill out your own CVR and UUID in the URLs below. While the URLs and Services are the same for all the test cases, the Actions however, will change depending on the test case you are performing, please keep an eye out that you have the correct Action for the test case in hand.

To submit the XML for this test case, use the following endpoint:

URL	TFE Service	Action
https://secureftpgatewaytest.skat.dk/:6384/exchange/CVR_{CVR}_UI_{UUID}	DMS.Import2	Declaration.Submit

For retrieving the notification, use the following endpoint:

URL	TFE Service	Action
https://secureftpgatewaytest.skat.dk/:6384/exchange/CVR_{CVR}_UI_{UUID}	DMS.Import2	Notification

For this declaration type to be accepted, the element 'Authorisation' needs to be filled in with the declarant's authorisation ID. The DeclarantEORI number is tied to the specific authorisation ID that is used. Before starting this test case make sure you have an authorization with a valid guarantee for your CVR/SE number on the desired environment either TFE02 or TFE01. If you do not have an authorization, contact the Onboarding team via the Customer Portal about getting an authorization.

For this declaration the following authorisations are required:

- Customs Warehousing of Goods (CW1) (Column 8e, Annex A of Delegated regulation (EU) 2015/2446)

2 Process flow

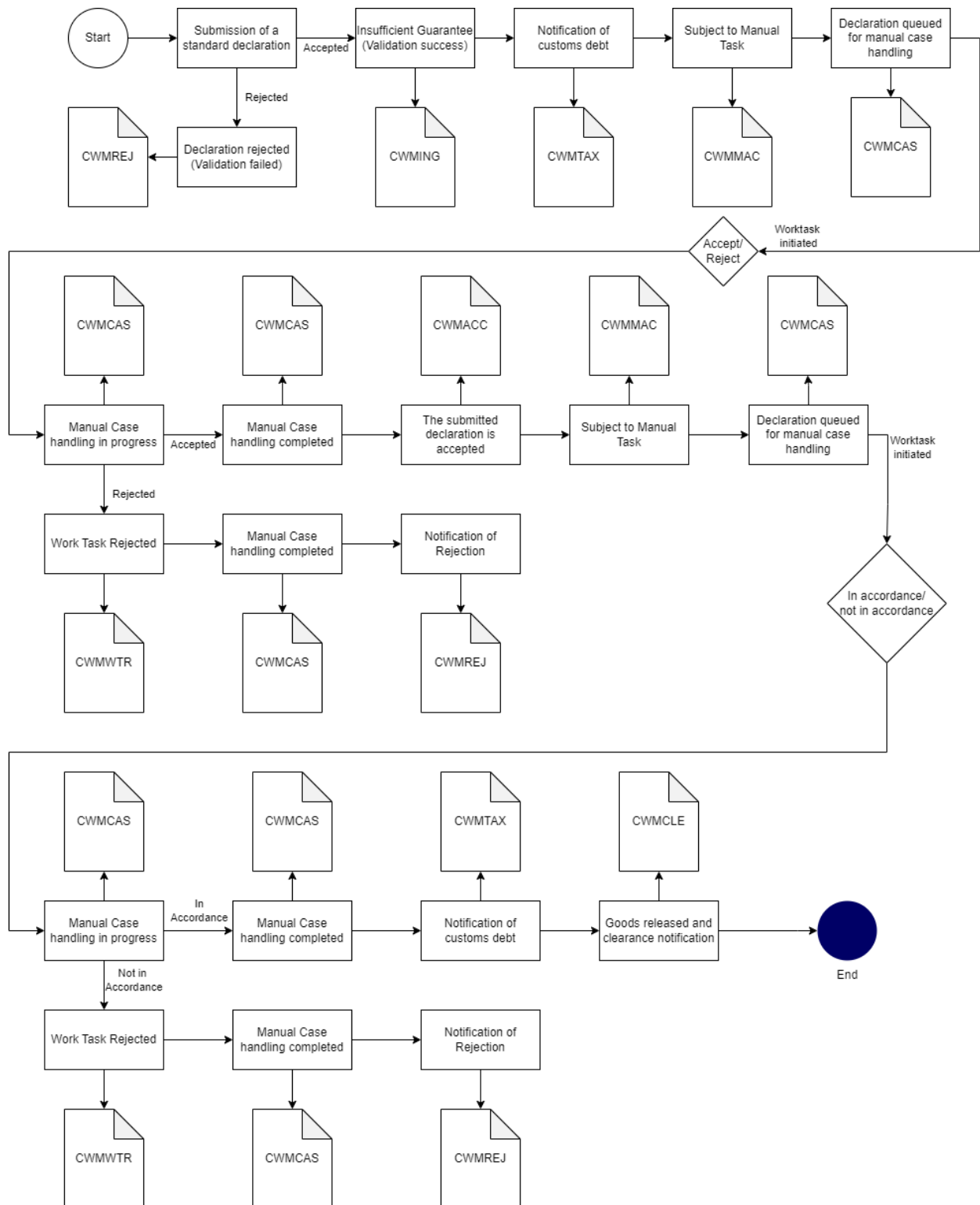The process flow for a H2 standard declaration can be seen in Figure 1 below:

Figure 1: Process flow for H2 Standard declaration

3 Test Scenarios

To complete this test case, test scenario 1 and 2 must be passed successfully. Descriptions and specifics for each test can be found in the coming sections. Be sure to go through the scenarios thoroughly. It is recommended that you use the attached files to test the notifications.

Test no.	Test scenario	Passed/Failed
1	Submit H2 – Standard declaration, which is accepted	☐
2	Submit H2 – Standard declaration, which is rejected	☐

3.1 Description of test scenarios

The following sections will describe the aim of each specific scenario and provide the desired results of the test scenarios.

The purpose of the test scenarios is to ensure your connection to the system, and that you as a company can receive the correct notifications when sending in XMLs. Each step describes what you need to do when going through the test case. An XML for the standard declaration is made available in the same folder where you found this test case document. This can be changed according to the test scenario.

3.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the H2 Standard XML has been accepted.

The following table shows the necessary test steps for completing this scenario as well as expected results. For the first step it is recommended using the provided declaration XML found in the Test Case folder. Secondly, make sure that your **LRN** is unique, and that the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields). The fields **DeclarantEORI and ImporterEORI** should also be filled out with the corresponding EORI numbers for the Declarant, Exporter, and Importer roles. Ensure that the **CW1 Authorisation** is filled with a valid and relevant Authorisation/ID), as well as **WarehouseID** within the Warehouse element. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case – H2 Standard" XML found in the test case folder (remember to replace the placeholders)	You should have the test **XML** ready for the next step	☐
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
3	Pull the notifications	You should be able to pull notifications from the system	☐
4	Receive **CWMING**, **CWMTAX** and **CWMMAC** notifications informing you that the process is successfully proceeding. A manual work task must be approved by a customs official, which is initialised with one **CWMCAS**. Since this step needs manual approval, the process may stay on this step for a while.	Receive notifications **CWMING**, **CWMTAX**, **CWMACC**, **CWMMAC** and **CWMCAS**	☐
5	Pull the notifications	You should be able to pull notifications from the system	☐
6	If the manual work task has been accepted by a customs official, receive two **CWMCAS** and one **CWMACC** notification. If not, repeat step 5 after waiting for some time.	Receive **two CWMCAS** notifications	☐
7	Pull the notifications	You should be able to pull notifications from the system	☐
8	A manual work task must be approved by a customs official, which is initialised with one **CWMCAS**. Since this step needs manual approval, the process may stay on this step for a while.	Receive notification **CWMCAS**	☐
9	Pull the notifications	You should be able to pull notifications from the system	☐
10	If the manual work task has been accepted by a customs official, receive two **CWMCAS** notifications. If not, repeat step 9 after waiting for some time.	Receive **two CWMCAS** notifications	☐
11	Pull the notifications	You should be able to pull notifications from the system	☐

12	Receive **CWMTAX** and **CWMCLE** notifications to confirm the acceptance flow has completed.	Receive **CWMTAX** and **CWMCLE** and pass the test	☐

3.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the H2 Standard XML has been rejected.

The following table shows the test steps necessary to complete this scenario as well as expected results. For the first step it is recommended adapting the provided declaration XML found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields). The fields **DeclarantEORI and ImporterEORI** should also be filled out with the corresponding EORI numbers for the Declarant, Exporter, and Importer roles. Ensure that the **CW1 Authorisation** is filled with a valid and relevant Authorisation/ID), as well as **WarehouseID** within the Warehouse element.

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case – H2 Standard" XML found in the test case folder (remember to replace the placeholders)	You should have the test **XML** ready for the next step	☐
2	Enter information from section 3.3.1 with the invalid data in the element **Warehouse** (12 11 000 000) to ensure rejection	**Declarant** (12 11 000 000) element should resemble section 3.3.1	☐
3	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
4	Pull the notifications	You should be able to pull notifications from the system	☐
5	Rejection of a submission of H2 declaration by receiving the **CWMREJ** notification	Receive **CWMREJ** and pass the test	☐

3.3.1 XML example

Input the wrong CVR number as declarant ID to get a simple rejection.

```
<ns2:Warehouse>
      ...
      <ns2:TypeCode>S</ns2:TypeCode>
...
```