

# TEST CASE – H2 INVALIDATION

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Document history

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Table of contents

1        **Pre-conditions..... 3**

2        **Process flow..... 4**

3        **Test Scenarios ..... 5**

    3.1        **Description of test scenarios ..... 5**

    3.2        **Test scenario 1 – Acceptance..... 6**

    3.3        **Test scenario 2 – Rejection..... 8**

        3.3.1        XML example..... 9

# 1 Pre-conditions

To complete the functional test case for “H2 Invalidation”, 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
<a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}</a>	DMS.Import2	Declaration.Submit
<a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}</a>	DMS.Import2	Declaration.Invalidate

For retrieving the notification, use the following endpoint:

URL	TFE Service	Action
<a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}</a>	DMS.Import2	Notification

'Please ensure that the “**Test Case – H2 Standard**” have been completed before you try to complete the “**Test Case – H2 Invalidation**” scenarios.

## 2 Process flow

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

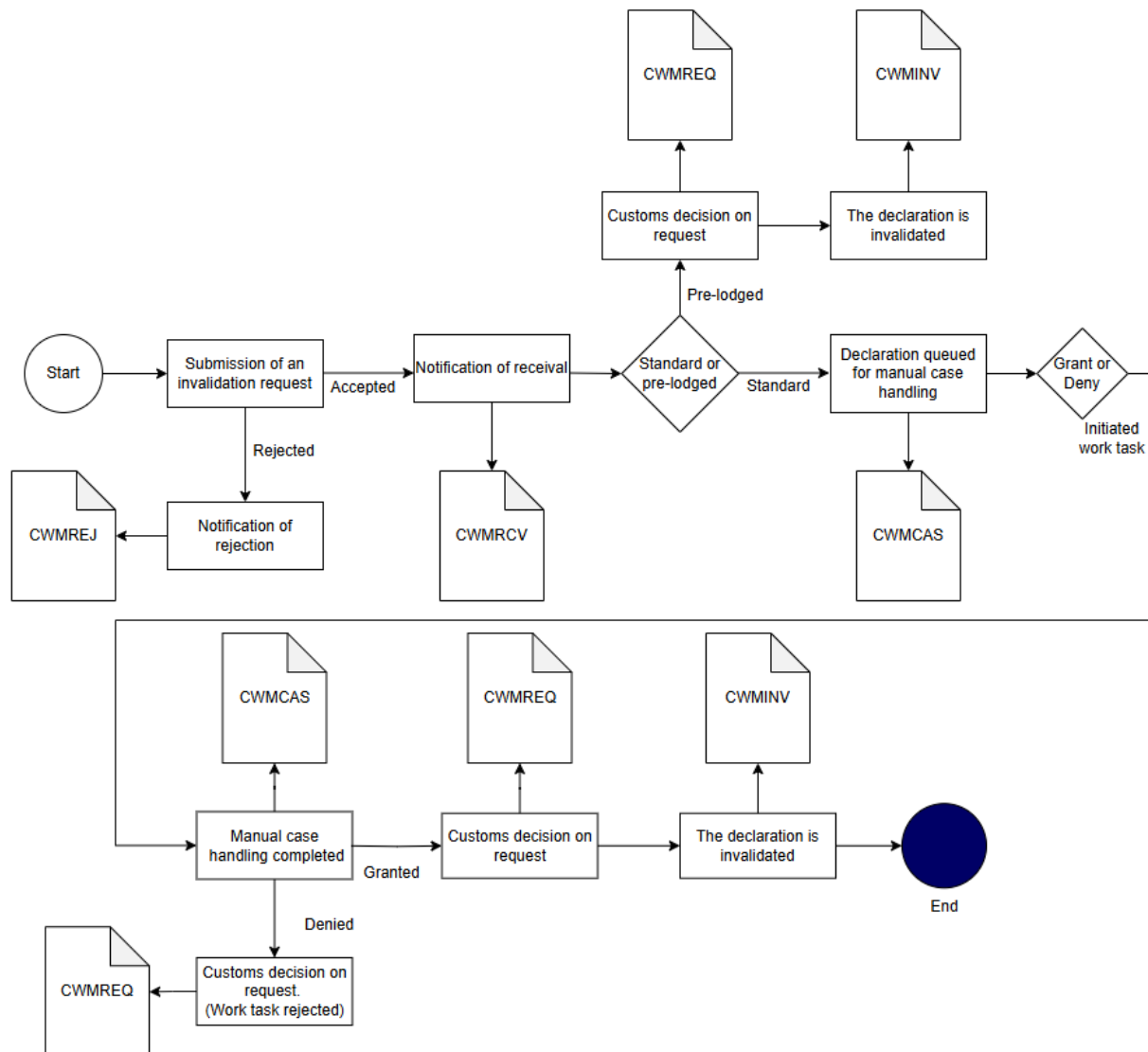


Figure 1: Process flow for H2 Invalidation declaration.

## 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 – Invalidation declaration, which is accepted	<input type="checkbox"/>
2	Submit H2 – Invalidation declaration, which is rejected	<input type="checkbox"/>

### 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 Invalidation 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** and **MRN** corresponds to those of the H2 – Standard declaration, and the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields). You should also make sure that the Amendment field is filled with a valid **ChangeReasonCode** and a **ChangeReasonText** of at least 10 characters. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Use a <b>H2 Standard XML</b> . It is found within the H2 Standard folder that is found in the parent directory at H2 Test Cases (remember to replace the placeholders)	You should have the test <b>XML</b> ready for the next step	<input type="checkbox"/>
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
3	Pull the notifications	You should be able to pull the notification from the system	<input type="checkbox"/>
4	Acceptance of submission of declaration. (Note that if you receive the <b>CWMCLE</b> notification that you won't be able to invalidate the declaration without an invalidation 4c as the declaration has been released. If you got this notification, send a new <b>H2 standard</b> and try again.)	Receive the <b>CWMACC</b> notifications	<input type="checkbox"/>
5	Use the provided "Test Case – H2 Invalidation" <b>XML</b> found in the test case folder (remember to replace the placeholders – {{LRN}} and {{MRN}} should match the MRN and LRN from the initially submitted <b>H2 Standard declaration</b> ).	Find the <b>H2 Invalidation XML</b> in the H2 Invalidation test case folder	<input type="checkbox"/>
6	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
7	Pull the notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
8	Successful validation of submission of invalidation request by receiving the <b>CWMRCV</b> and <b>CWMCAS</b> notifications	You should receive the <b>CWMRCV</b> and <b>CWMCAS</b> notifications	<input type="checkbox"/>
9	After having received the <b>CWMCAS</b> , read the <b>AdditionalInformation</b> field regarding the status. This notification informs you of a manual acceptance work task being created.	You should find a <b>StatementCode</b> field with the number <b>41</b> (CWMCAS Queued). Then in the <b>StatementDescription</b> field there should be an explanation	<input type="checkbox"/>

10	<p>When the queued request is completed, receive the final <b>CWMCAS</b> notification with changes to <b>AdditionalInformation</b>. This informs you that the worktask is completed.</p> <p>A manual work task needs to be manually approved by a customs official. Until a customs official has manually processed your declaration, you won't receive any further notifications. As such, the declaration may remain on the previous step for some time if so, pull the notification again to get these notifications.</p>	One notification with <b>StatementCode</b> field <b>43</b> (CWMCAS Completed).	<input type="checkbox"/>
11	Acceptance of submission of invalidation request by receiving the <b>CWMREQ</b> and <b>CWMINV</b> notifications.	Receive notifications <b>CWMREQ</b> and <b>CWMINV</b> to pass the test	<input type="checkbox"/>

### 3.3 Test scenario 2 – Rejection

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

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** and **MRN** corresponds to those of the H2 – Standard declaration, and the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields). You should also make sure that the Amendment field is filled with a valid **ChangeReasonCode** and a **ChangeReasonText** of at least 10 characters. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Use a <b>H2 Standard XML</b> . It is found within the H2 Standard folder that is found in the parent directory at H2 Test Cases (remember to replace the placeholders)	You should have the test <b>XML</b> ready for the next step	<input type="checkbox"/>
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
3	Pull the notifications	You should be able to pull the notification from the system	<input type="checkbox"/>
4	Acceptance of submission of declaration. (Note that if you receive the <b>CWMCLE</b> notification that you won't be able to invalidate the declaration without an invalidation 4c as the declaration has been released. If you got this notification, send a new <b>H2 standard</b> and try again.)	Receive the <b>CWMACC</b> notifications	<input type="checkbox"/>
5	Use the provided "Test Case – H2 Invalidation" <b>XML</b> found in the test case folder (remember to replace the placeholders – {{LRN}} and {{MRN}} should match the MRN and LRN from the initially submitted <b>H2 Standard declaration</b> ).	Find the <b>H2 Invalidation XML</b> in the H2 Invalidation test case folder	<input type="checkbox"/>
6	Adapt the <b>H2 Invalidation XML</b> with the information with the invalid data in the element <b>Amendment</b> as shown in section 3.3.1, to ensure rejection of the XML.	Enter element form section 3.3.1	<input type="checkbox"/>
7	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
8	Pull the notifications	You should be able to pull notification from the system	<input type="checkbox"/>
9	Rejection of submission of invalidation request by receiving the <b>CWMREJ</b> notification	Receive notification <b>CWMREJ</b> and pass the scenario	<input type="checkbox"/>



### 3.3.1 XML example

```
<ns2:Amendment>  
  <ns2:SequenceNumeric>1</ns2:SequenceNumeric>  
  <ns2:ChangeReasonCode>22</ns2:ChangeReasonCode>  
  <ns2:ChangeReasonText>Invalid</ns2:ChangeReasonText>  
</ns2:Amendment>
```