
 EUROPEAN SPALLATION SOURCE	ESS-Naming-Convention-Unit-Test Plan		 EUROPEAN SPALLATION SOURCE
<b>Program:</b> Construction	<b>Work Package:</b> 3 Core Software Components	<b>Work Unit:</b> 3.3 Naming Convention	
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# Table of Contents

1. Introduction .....	3
1.1 Scope.....	3
1.2 Glossary.....	3
1.3 Assumptions.....	3
1.4 References.....	3
2. Manual Test Cases.....	4
2.1 NT-TC-01 Add Name Part to Logical Area Structure .....	4
2.2 NT-TC-02 Delete Name Part from Logical Area Structure.....	8
2.3 NT-TC-03 Add Name Part to Device Category Structure.....	12
2.4 NT-TC-04 Delete Name Part in Device Category Structure.....	16
2.5 NT-TC-05 Add Device Name .....	20
2.6 NT-TC-06 Propagate Name Part Mnemonic Changes to Device Names.....	23
2.7 NT-TC-07 Modify Device Name.....	27
2.8 NT-TC-08 Delete Device Name.....	31
2.9 NT-TC-09 Import Device Names from Excel Spreadsheet.....	34
2.10 NT-TC-10 Propagate Name Part Deletion to Device Names.....	38
2.11 NT-TC-11 Export All Approved Data to Excel Spreadsheet.....	42
3. Unit Tests.....	45
3.1 NT-TC-12 General Naming Convention Rules .....	45

## Table of figures

Table 1 List of abbreviations .....	3
Figure 1: Logical Area Structure History Table .....	10
Figure 2: Device Category Structure History Table .....	18
Figure 3: Device Name History Table .....	29

# 1. Introduction

## 1.1 Scope

This application provides tools to enforce the ESS Naming Convention and to support the process of naming.

This document defines the Test Plan for Naming Convention Tool that is guided by Naming Requirements [RD1] document. The audience of this document is the test engineers who will execute the Test Plan and produce the Test Report.

## 1.2 Glossary

List abbreviations and definitions of terms relevant to this test plan.

Table 1 List of abbreviations

Abbreviation	Definition
ESS	European spallation source

## 1.3 Assumptions

Naming Convention Tool application is deployed on JBoss AS 7.1.Final application server. PostgreSQL database for the application is created.

## 1.4 References

[RD1] Naming Requirements ([https://plone.esss.lu.se/ics/software-core-components/wu-3-3-naming-convention/naming-requirements/file\\_download\\_version?version\\_id=4](https://plone.esss.lu.se/ics/software-core-components/wu-3-3-naming-convention/naming-requirements/file_download_version?version_id=4))

## 2. Manual Test Cases

### 2.1 NT-TC-01 Add Name Part to Logical Area Structure

Test Case ID and Title	NT-TC-01 Add Name Part to Logical Area Structure
Test description	Adding a name part to logical area structure and confirming it.
Tested requirement(s)	NT-003, NT-006, NT-010, NT-050, NT-051, NT-052, NT-053, NT-057
Precondition(s)/Setup	
Postcondition(s)	

**Test procedure: NT-TC-01 Add Name Part to Logical Area Structure**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Log in as Naming Editor.</li><li>Click on “Logical Area Structure” tab.</li><li>Select “Accelerator to Target” node from the tree view [NT-003].</li></ul>	Node has been selected.		
2.	<ul style="list-style-type: none"><li>Open “Actions” menu</li></ul>	Add, delete, modify and history options are available. [NT-050]		
3.	<ul style="list-style-type: none"><li>Select “Add” option.</li></ul>	Dialog for adding new name part pops up.		
4.	<ul style="list-style-type: none"><li>Fill in “A2T-30” as name and “30” as mnemonic.</li><li>Click “Submit” button.</li></ul>	New name part with name “A2T-30”, mnemonic “30” and status “Proposed” appears as a last child of “Accelerator to Target” node. Newly added part name is colored. [NT-010, NT-050, NT-051]		
5.	<ul style="list-style-type: none"><li>Log out and log in as Naming Administrator.</li><li>Click on “Logical Area Structure” tab.</li><li>Select “Accelerator to Target” node.</li><li>Open “Actions” menu</li></ul>	Add, delete, modify, reject and history options are available. [NT-006]		
6.	<ul style="list-style-type: none"><li>Select newly proposed part view “A2T-30”.</li><li>Open “Actions” menu.</li></ul>	Delete, modify, approve, reject and history options are available. [NT-052]		

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
7.	<ul style="list-style-type: none"> <li>Select “Approve” option.</li> </ul>	Dialog with a preview of changes you are approving pops up.		
8.	<ul style="list-style-type: none"> <li>Enter a comment saying: “Approving this addition”. [NT-057]</li> <li>Click “Approve” button.</li> </ul>	Status has been changed from “Proposed” to “Approved”. The approved node is no longer specially colored.[NT-053]		

Test Summary: NT-TC-01 Add Name Part to Logical Area Structure

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.2 NT-TC-02 Delete Name Part from Logical Area Structure

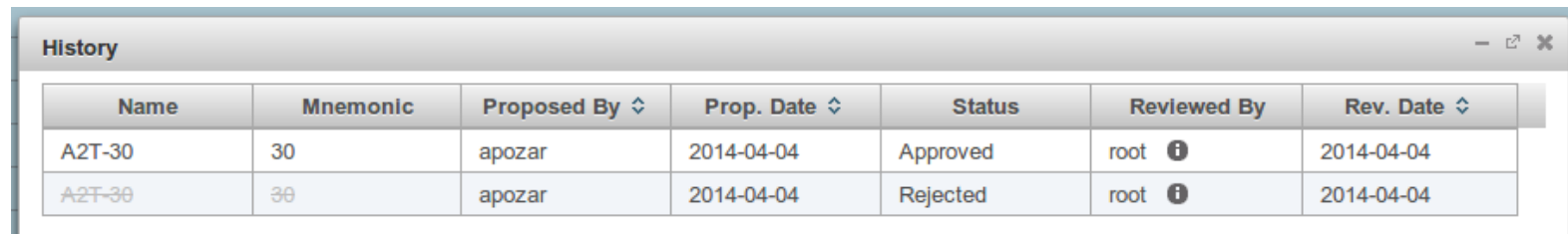
<b>Test Case ID and Title</b>	NT-TC-02 Delete Name Part from Logical Area Structure
<b>Test description</b>	Proposing deletion of name part of logical area structure and rejecting it.
<b>Tested requirement(s)</b>	NT-006, NT-050, NT-051, NT-052, NT-054, NT-057
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	



**Test procedure: NT-TC-02 Delete Name Part from Logical Area Structure**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"> <li>Log out and log in as Naming Editor.</li> <li>Click on click on “Logical Area Structure”.</li> <li>Select “A2T-30” node.</li> <li>Open “Actions” menu.</li> <li>Select “Delete” option.</li> </ul>	Dialog named “Request to Delete/Retire Names” pops up with a preview of changes you are about to request. [NT-050]		
2.	<ul style="list-style-type: none"> <li>Click “Submit” button.</li> </ul>	Deletion of name part is marked in tree structure. Name part is colored orange and crossed-out. [NT-050, NT-051]		
3.	<ul style="list-style-type: none"> <li>Log out and log in as Naming Administrator.</li> <li>Click on “Logical Area Structure” tab.</li> <li>Select node on which deletion was proposed (“A2T-30”).</li> <li>Open “Actions” menu.</li> <li>Select “Reject” option.</li> </ul>	Dialog named “Reject” pops up with a preview of proposed changes you are about to reject [NT-052].		
4.	<ul style="list-style-type: none"> <li>Click “Reject” button.</li> </ul>	Notification saying “Please enter a comment.” is displayed. [NT-054]		
5.	<ul style="list-style-type: none"> <li>Enter a comment saying: “We need this subsection. Rejecting.” [NT-057]</li> <li>Click “Reject” button.</li> </ul>	Node on which changes were rejected is no longer marked as proposed for deletion.		

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
6.	<ul style="list-style-type: none"> <li>Click on “A2T-30” node.</li> <li>Open “Actions” menu.</li> <li>Select “History” option.</li> </ul>	A table with history of all activities on this name part pops up. Except for the user IDs it looks like Figure 1.		



The screenshot shows a window titled "History" with a table containing two rows of data. The table has seven columns: Name, Mnemonic, Proposed By, Prop. Date, Status, Reviewed By, and Rev. Date. The first row shows "A2T-30" with mnemonic "30", proposed by "apozar", dated "2014-04-04", with status "Approved", reviewed by "root", and dated "2014-04-04". The second row shows "A2T-30" with mnemonic "30", proposed by "apozar", dated "2014-04-04", with status "Rejected", reviewed by "root", and dated "2014-04-04".

Name	Mnemonic	Proposed By	Prop. Date	Status	Reviewed By	Rev. Date
A2T-30	30	apozar	2014-04-04	Approved	root	2014-04-04
A2T-30	30	apozar	2014-04-04	Rejected	root	2014-04-04

Figure 1: Logical Area Structure History Table

Test Summary: NT-TC-02 Delete Name Part from Logical Area Structure

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.3 NT-TC-03 Add Name Part to Device Category Structure

<b>Test Case ID and Title</b>	NT-TC-03 Add Name Part to Device Category Structure
<b>Test description</b>	Adding a name part device category structure and confirming it.
<b>Tested requirement(s)</b>	NT-003, NT-009, NT-010, NT-048, NT-051, NT-052, NT-053, NT-057
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

**Test procedure: NT-TC-03 Add Name Part to Device Category Structure**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Log in as Naming Editor.</li><li>Click on “Device Category Structure” tab.</li><li>Select “Choppers” node from the tree view [NT-003].</li></ul>	Node has been selected.		
2.	<ul style="list-style-type: none"><li>Open “Actions” menu</li></ul>	Add, delete, modify and history options are available. [NT-048]		
3.	<ul style="list-style-type: none"><li>Select “Add” option.</li></ul>	Dialog for adding new name part pops up.		
4.	<ul style="list-style-type: none"><li>Fill in “Chopper Test” as name and “ChopT” as mnemonic.</li><li>Click “Submit” button.</li></ul>	New name part with name “Chopper Test”, mnemonic “ChopT” and status “Proposed” appears as a last child of “Choppers” node. Newly added part name is colored. [NT-010, NT-048, NT-051]		
5.	<ul style="list-style-type: none"><li>Log out and lo gin as Naming Administrator.</li><li>Click on “Device Category Structure” tab.</li><li>Select “Choppers” node.</li><li>Open “Actions” menu</li></ul>	Add, delete, modify, reject and history options are available. [NT-009]		

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
6.	<ul style="list-style-type: none"> <li>Select newly added part view “Chopper Test”.</li> <li>Open “Actions” menu.</li> </ul>	Delete, modify, approve, reject and history options are available. [NT-052]		
7.	<ul style="list-style-type: none"> <li>Select “Approve” option.</li> </ul>	Dialog with a preview of changes you are approving pops up.		
9.	<ul style="list-style-type: none"> <li>Enter a comment saying: “Approving this addition”. [NT-057]</li> <li>Click “Approve” button.</li> </ul>	Status has been changed from “Proposed” to “Approved”. The approved node is no longer specially colored.[NT-053]		

Test Summary: NT-TC-03 Add Name Part to Device Category Structure

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.4 NT-TC-04 Delete Name Part in Device Category Structure

<b>Test Case ID and Title</b>	NT-TC-04 Delete Name Part in Device Category Structure
<b>Test description</b>	Proposing deletion of name part of device category structure and rejecting it.
<b>Tested requirement(s)</b>	NT-012, NT-048, NT-051, NT-052, NT-057
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	



**Test procedure: NT-TC-04 Delete Name Part in Device Category Structure**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Log out and log in as Naming Editor.</li><li>Click on click on “Device Category Structure”.</li><li>Select “Chopper Test” node.</li><li>Open “Actions” menu.</li><li>Select “Delete” option.</li></ul>	Dialog named “Request to Delete/Retire Names” pops up with a preview of changes you are about to request. [NT-048]		
2.	<ul style="list-style-type: none"><li>Click “Submit” button.</li></ul>	Deletion of name part is marked in tree structure. Name part is colored orange and crossed-out. [NT-048, NT-051]		
3.	<ul style="list-style-type: none"><li>Log out and log in as Naming Administrator.</li><li>Click on “Device Category Structure” tab.</li><li>Select node on which deletion was proposed “Chopper Test”.</li><li>Open “Actions” menu.</li><li>Select “Reject” option.</li></ul>	Dialog named “Reject” pops up with a preview of proposed changes you are about to reject [NT-052].		
4.	<ul style="list-style-type: none"><li>Click “Reject” button.</li></ul>	Notification saying “Please enter a comment.” is displayed. [NT-054]		
5.	<ul style="list-style-type: none"><li>Enter a comment saying: “We need this type. Rejecting.”</li><li>Click “Reject” button.</li></ul>	Node on which changes were rejected is no longer marked as proposed for deletion.		

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
6.	<ul style="list-style-type: none"> <li>Click on “Chopper Test” node.</li> <li>Open “Actions” menu.</li> <li>Select “History” option.</li> </ul>	A table with history of all activities on this name part pops up. Except for the user IDs it looks like Figure 2.		

History						
Name	Mnemonic	Proposed By ↕	Prop. Date ↕	Status	Reviewed By	Rev. Date ↕
Chopper Test	ChopT	apozar	2014-04-04	Approved	root ⓘ	2014-04-04
Chopper Test	ChopT	apozar	2014-04-04	Rejected	root ⓘ	2014-04-04

Figure 2: Device Category Structure History Table

Test Summary: NT-TC-04 Delete Name Part in Device Category Structure

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.5 NT-TC-05 Add Device Name

Test Case ID and Title	NT-TC-05 Add Device Name
Test description	Adding new device name.
Tested requirement(s)	NT-003, NT-013, NT-014, NT-015, NT-017, NT-018, NT-020
Precondition(s)/Setup	
Postcondition(s)	

**Test procedure: NT-TC-05 Add Device Name**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Login as Device Editor.</li><li>Click on “Device Names” tab.</li></ul>	All device names that are already in database presented in tree view under the subsection they belong to. For each device name there is also presented a device type. [NT-003]		
2.	<ul style="list-style-type: none"><li>Select “A2T-30” subsection. [NT-015]</li><li>Open “Actions” menu.</li><li>Select “Add” option.</li></ul>	Dialog named “Add Device Name” pops up.		
3.	<ul style="list-style-type: none"><li>In “What kind of device is it?” tree, select “Beam Magnets and Deflectors”&gt;”Choppers”&gt;”Chopper Test”. [NT-017, NT-018]</li><li>Set “a” as instance index.</li><li>Click “Submit” button.</li></ul>	New device name “A2T-BMD:ChopT-30a” is created under “A2T-30” subsection with device type “Beam Magnets and Deflectors -> Choppers -> Chopper Test”. [NT-013, NT-014, NT-020]		

Test Summary: NT-TC-05 Add Device Name

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
<div></div>		
<div>Comments</div> <div></div>		
<div>Tester name</div>	<div>Date</div>	<div>Signature</div>

## 2.6 NT-TC-06 Propagate Name Part Mnemonic Changes to Device Names

<b>Test Case ID and Title</b>	NT-TC-06 Propagate Name Part Mnemonic Changes to Device Names
<b>Test description</b>	Changing name part mnemonic and checking change propagation to device names.
<b>Tested requirement(s)</b>	NT-003, NT-013, NT-014, NT-015, NT-017, NT-018, NT-020, NT-022, NT-048, NT-050, NT-051, NT-053, NT-057
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

**Test procedure: NT-TC-06 Propagate Name Part Mnemonic Changes to Device Names**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Log in as Naming Editor.</li><li>Click on click on “Logical Area Structure”.</li><li>Select “A2T-30” node.</li><li>Open “Actions” menu.</li><li>Select “Modify” option.</li></ul>	Dialog named “Request to Change Name” pops up with input fields filled up with current values. [NT-050]		
2.	<ul style="list-style-type: none"><li>Fill in “A2T-40” as name and “40” as mnemonic.</li><li>Click “Submit” button.</li></ul>	Modifications of name part are marked in tree structure. Old value is colored orange and crossed-out, proposed value is colored red. Status is set to “Pending modification”[NT-050, NT-051]		
3.	<ul style="list-style-type: none"><li>Click on click on “Device Category Structure”.</li><li>Select “Chopper Test” node.</li><li>Open “Actions” menu.</li><li>Select “Modify” option.</li></ul>	Dialog named “Request to Change Name” pops up with input fields filled up with current values. [NT-048]		
4.	<ul style="list-style-type: none"><li>Fill in “Chopper Test 1” as name and “ChopT1” as mnemonic.</li><li>Click “Submit” button.</li></ul>	Modifications of name part are marked in tree structure. Old value is colored orange and crossed-out, proposed value is colored red. Status is set to “Pending modification [NT-048, NT-051]		



Step	Actions	Expected result	Observation/Comments	Pass/ Fail
5.	<ul style="list-style-type: none"> <li>Log out and log in as Naming Administrator.</li> <li>Click on “Logical Area Structure”.</li> <li>Select previously modified node.</li> <li>Open “Actions” menu.</li> <li>Select “Approve” option.</li> </ul>	Dialog with a preview of changes you are approving pops up.		
6.	<ul style="list-style-type: none"> <li>Enter a comment saying: “Approving this change”. [NT-057]</li> <li>Click “Approve” button.</li> </ul>	Status has been changed from “Pending modification” to “Approved”. The approved node is no longer specially colored.[NT-053]		
7.	<ul style="list-style-type: none"> <li>Click on “Device Category Structure”.</li> <li>Select previously modified node.</li> <li>Open “Actions” menu.</li> <li>Select “Approve” option.</li> </ul>	Dialog with a preview of changes you are approving pops up.		
8.	<ul style="list-style-type: none"> <li>Enter a comment saying: “Approving this change”. [NT-057]</li> <li>Click “Approve” button.</li> </ul>	Status has been changed from “Pending modification” to “Approved”. The approved node is no longer specially colored.[NT-053]		
9.	<ul style="list-style-type: none"> <li>Click on “Device Names” tab.</li> </ul>	Previously created device name has changed from “A2T-BMD:ChopT-30a” to “A2T-BMD:ChopT1-40a”. Find it by entering “ChopT1” into “Filter by device name” filter.[NT-022]		

Test Summary: NT-TC-06 Propagate Name Part Mnemonic Changes to Device Names

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.7 NT-TC-07 Modify Device Name

<b>Test Case ID and Title</b>	NT-TC-07 Modify Device Name
<b>Test description</b>	Modifying device name.
<b>Tested requirement(s)</b>	NT-003, NT-014, NT-015, NT-016, NT-019, NT-021, NT-025
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

**Test procedure: NT-TC-07 Modify Device Name**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Log in as Device Editor.</li><li>Click on “Device Names” tab.</li></ul>	All device names that are already in database presented in tree view under the subsection they belong to. For each device name there is also presented a device type. [NT-003]		
2.	<ul style="list-style-type: none"><li>Select “A2T-BMD:ChopT1-40a” device name.</li><li>Open “Actions” menu.</li><li>Select “Modify” option.</li></ul>	Dialog named “Modify Device Name” pops up.		
3.	<ul style="list-style-type: none"><li>In “Which part of the facility does the device provide service to?” tree, select “Central Services”&gt;”Cryo Plant”&gt;”Linac Cryoline Gallery”. [NT-015, NT-016]</li><li>Delete instance index. [NT-019]</li><li>Click “Submit” button.</li></ul>	Device name “A2T-BMD:ChopT1-30a” under “A2T-40” subsection will be moved to “Linac Cryoline Gallery” subsection with updated name to “CP-LCG:BMD”. Device type will stay the same (“Beam Magnets and Deflectors -> Choppers -> Chopper Test 1”) [NT-014, NT-021]		
4.	<ul style="list-style-type: none"><li>Select modified device name.</li><li>Open “Actions” menu.</li><li>Select “History” option.</li></ul>	A table with history of all activities on this name part pops up. Except for the user IDs it looks like Figure 3. [NT-025]		

History				
Name	Section	Device Type	Modified By ↕	Date ↕
A2T-BMD:ChopT-30a	Accelerator ▶ Accelerator to Target ▶ A2T-40	Beam Magnets and Deflectors ▶ Choppers ▶ Chopper Test	apozar	2014-04-04
A2T-BMD:ChopT-40a	Accelerator ▶ Accelerator to Target ▶ A2T-40	Beam Magnets and Deflectors ▶ Choppers ▶ Chopper Test	root	2014-04-04
A2T-BMD:ChopT1-40a	Accelerator ▶ Accelerator to Target ▶ A2T-40	Beam Magnets and Deflectors ▶ Choppers ▶ Chopper Test	root	2014-04-04
CP-LCG:BMD	Central Services ▶ Cryo Plant ▶ Linac Cryoline Gallery	Beam Magnets and Deflectors ▶ Choppers ▶ Chopper Test	apozar	2014-04-04

Figure 3: Device Name History Table

Test Summary: NT-TC-07 Modify Device Name

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.8 NT-TC-08 Delete Device Name

Test Case ID and Title	NT-TC-08 Delete Device Name
Test description	Deleting device name.
Tested requirement(s)	NT-003, NT-014
Precondition(s)/Setup	
Postcondition(s)	

**Test procedure: NT-TC-08 Delete Device Name**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Login as Device Editor.</li><li>Click on “Device Names” tab.</li></ul>	All device names that are already in database presented in tree view under the subsection they belong to. For each device name there is also presented a device type. [NT-003]		
2.	<ul style="list-style-type: none"><li>Select device name “CP-LCG:BMD”</li><li>Open “Actions” menu.</li><li>Select “Delete” option.</li></ul>	Dialog named “Request to Delete/Retire Device Names” pops up.		
3.	<ul style="list-style-type: none"><li>Click “Submit” button.</li></ul>	Device name is no longer listed in device names tree view. [NT-014]		



Test Summary: NT-TC-08 Delete Device Name

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.9 NT-TC-09 Import Device Names from Excel Spreadsheet

<b>Test Case ID and Title</b>	NT-TC-07 Import Device Names from Excel Spreadsheet
<b>Test description</b>	Importing device names from excel spreadsheet.
<b>Tested requirement(s)</b>	NT-001, NT-003, NT-058, NT-059, NT-060,
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

**Test procedure: NT-TC-09 Import Device Names from Excel Spreadsheet**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Login as Device Editor.</li><li>Click on “Device Names” tab.</li></ul>	All device names that are already in database presented in tree view under the subsection they belong to. For each device name there is also presented a device type. [NT-003]		
2.	<ul style="list-style-type: none"><li>Open “Actions” menu.</li><li>Select “Batch Import” option.</li></ul>	Dialog named “Batch Import Device Names from Excel File” pops up.		
3.	<ul style="list-style-type: none"><li>Click “Download Import Template” button.</li></ul>	File named “NamingImportTemplate.xlsx” is downloaded to your machine and has to be saved using standard dialog. [NT-058]		
4.	<ul style="list-style-type: none"><li>Open downloaded document.</li></ul>	Document has six columns: Section, Subsection, Discipline, Generic Device Type, Instance Index, Comment. [NT-059]		
5.	<ul style="list-style-type: none"><li>Fill in the cells with following data in order from left to right: MEBT, 01, PBI, BPM, c, New device name.</li><li>Save and close the document.</li><li>Go back to application and click “Choose” button in the import dialog.</li><li>Open previously updated document.</li></ul>	Name of the document, its size, upload status bar and “x” button appear.		

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
6.	<ul style="list-style-type: none"> <li>Click “Upload” button.</li> </ul>	Upload status bar fills, dialog closes and notification pops up saying “Import Successful!” [NT-060]. Device name that was put in the “NamingImportTemplate.xlsx” is now visible in tree view under subsection “MEBT-01”. [NT-001]		

Test Summary: NT-TC-09 Import Device Names from Excel Spreadsheet

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.10 NT-TC-10 Propagate Name Part Deletion to Device Names

<b>Test Case ID and Title</b>	NT-TC-10 Propagate Name Part Deletion to Device Names
<b>Test description</b>	Deleting name part and checking deletion propagation to device names.
<b>Tested requirement(s)</b>	NT-050, NT-051, NT-053, NT-057, NT-060, NT-061
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

**Test procedure: NT-TC-10 Propagate Name Part Deletion to Device Names**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>Log in as Naming Administrator.</li><li>Click on click on “Logical Area Structure”.</li><li>Select “Accelerator&gt;Medium Energy Beam Transport&gt;MEBT-01” node.</li><li>Open “Actions” menu.</li><li>Select “Delete” option.</li></ul>	Dialog named “Request to Delete/Retire Names” pops up with a preview of changes you are about to request [NT-050]. Since there are device names for this section, a notification is shown saying “Warning: There are 8 dependent devices that will be deleted once the change has been approved.” [NT-061]		
2.	<ul style="list-style-type: none"><li>Click “Submit” button.</li></ul>	Deletion of name part is marked in tree structure. Name part is colored orange and crossed-out. [NT-050, NT-051]		
3.	<ul style="list-style-type: none"><li>Select “Accelerator&gt;Medium Energy Beam Transport&gt;MEBT-01” node.</li><li>Open “Actions” menu.</li><li>Select “Approve” option.</li></ul>	Dialog with a preview of changes you are approving pops up. Since there are device names for this section, a notification is shown saying “Warning: There are 8 dependent devices that will be deleted by this action.” [NT-061]		
4.	<ul style="list-style-type: none"><li>Enter a comment saying: “Approving this change”. [NT-057]</li><li>Click “Approve” button.</li></ul>	“MEBT-01” section is no longer visible in the table.		
5.	<ul style="list-style-type: none"><li>Click on “Device Names” tab.</li></ul>	“MEBT-01” section and its device names are no longer seen in the table. [NT-060]		

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
7.	<ul style="list-style-type: none"> <li>Select “Archived” from “Show” filter.</li> </ul>	Now, the deleted subsection and its names are visible. They are colored grey and crossed out, marking them as deleted/retired.		



Test Summary: NT-TC-10 Propagate Name Part Deletion to Device Names

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 2.11 NT-TC-11 Export All Approved Data to Excel Spreadsheet

<b>Test Case ID and Title</b>	NT-TC-11 Export All Approved Data to Excel Spreadsheet
<b>Test description</b>	Exporting all approved data to excel spreadsheet.
<b>Tested requirement(s)</b>	NT-045
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

**Test procedure: NT-TC-11 Export All Approved Data to Excel Spreadsheet**

Step	Actions	Expected result	Observation/Comments	Pass/ Fail
1.	<ul style="list-style-type: none"><li>• Open “Tools” menu in menu bar.</li><li>• Select “Export Approved Data” option.</li></ul>	Excel spreadsheet named “NamingConventionExport.xlsx”, containing all approved data from the application is downloaded to your machine. [NT-045]		

Test Summary: NT-TC-11 Export All Approved Data to Excel Spreadsheet

<div>Test case - summary result</div> <div>(check one box)</div>	<div><input type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	
Comments		
Tester name	Date	Signature

## 3. Unit Tests

### 3.1 NT-TC-12 General Naming Convention Rules

<b>Test Case ID and Title</b>	NT-TC-12 General Naming Convention Rules
<b>Test description</b>	Testing of general naming convention rules.
<b>Tested requirement(s)</b>	NT-023, NT-032, NT-033, NT-034, NT-036, NT-037, NT-038, NT-039, NT-041, NT-055, NT-056
<b>Precondition(s)/Setup</b>	
<b>Postcondition(s)</b>	

All uniqueness and other general naming convention rules are covered by JUnit tests.

# Appendix A. Test Report

Include a summary of the test results.

<b>Test report result</b>	Final result (Pass only if all tests are successful)	
	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
Number of executed tests	Number of passed	Number of failed
Comments		
Tester name	Date	Signature

# List of Failed Tests

In this table, list failed tests (link to the individual Test Case) together with a link to the defect ID in a defect tracking system if existent.

ID (if bug tracking in place)	Test Case and step	Description