

Phase 1B – Portrayal Catalogue Builder Tests

1.0 Access system

Test reference	1.1-001	Requirement	1.1
Test Description			
<i>System Log on - Create a new user account</i>			
Set up			
<i>Open the application and log in as administrator</i>			
Action			
<i>Create a new user account</i>			
Result			
<i>A new user account has been successfully created</i>			

Test reference	1.1-002	Requirement	1.1
Test Description			
<i>System Log on - Log in using the new user account with valid user credentials</i>			
Set up			
<i>Open the application</i>			
Action			
<i>Enter valid new user credentials and attempt to log in</i>			
Result			
<i>Log in is successful; the application can be fully accessed</i>			

Test reference	1.1-003	Requirement	1.1
Test Description			
<i>System Log on - Log in using a new user account with invalid user credentials</i>			
Set up			
<i>Open the application</i>			
Action			
<i>Enter invalid user credentials and attempt to log in</i>			
Result			
<i>Log in is not successful; the application remains inaccessible</i>			

Test reference	1.2	Requirement	1.2
Test Description			
<i>Assign user roles</i>			
Set up			
<i>Open the application</i>			
Action			
<i>Create different user roles</i>			
Result			
<i>The application can be accessed; accounts can be created according to user role</i>			

Test reference	1.3	Requirement	1.2.1
Test Description			
<i>Read only role</i>			
Set up			
<i>Open the application and log in as administrator</i>			
Action			
<i>Assign a user a read only role</i>			
Result			
<i>The application can only be accessed by the user in read only mode</i>			

Test reference	1.4	Requirement	1.2.2
Test Description			
<i>Read/write role</i>			
Set up			
<i>Open the application and log in as administrator</i>			
Action			
<i>Assign the user a read/write role</i>			
Result			
<i>The application can be accessed by the user in read/write mode</i>			

Test reference	1.5	Requirement	1.2.3
Test Description			
<i>Administrator role</i>			
Set up			
<i>Open the application and log in as administrator</i>			
Action			
<i>Assign a user an administrator role</i>			
Result			
<i>The application can be accessed by the user in administrator mode; they can now manage other users roles</i>			

Test reference	1.6	Requirement	1.2.4
Test Description			
<i>Approving official role</i>			
Set up			
<i>Open the application and log in with official role</i>			
Action			
<i>User with approving official role can certify that the portrayal catalogue is final and apply a digital signature</i>			
Result			
<i>The catalogue can be approved and assigned a digital signature</i>			

2.0 Catalogue Management

Test reference	2.1	Requirement	2.1
Test description			
<i>Create catalogue</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Access portrayal catalogues</i>			
Result			
<i>Portrayal catalogues can be accessed</i>			

Test reference	2.2	Requirement	2.1.2
Test description			
<i>Input catalogue metadata</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to system</i>			
Action			
<i>Input basic catalogue metadata, product specification version, catalogue version, etc.</i>			
Result			

Valid metadata added and saved to the portrayal catalogue

Test reference	2.3	Requirement	2.1.3
Test description			
<i>Input the relevant portrayal catalogue .XML</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the system; start catalogue creation</i>			
Action			
<i>Import portrayal catalogue.xml of S-100 based product into the catalogue</i>			
Result			
<i>Feature and attribute listings are ready to use or select</i>			

Test reference	2.4	Requirement	2.1.4
Test description			
<i>Read in elements from the portrayal register</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve portrayal items</i>			
Result			
<i>Predefined items retrieved from the portrayal register are available for use in the portrayal builder tool</i>			

Test reference	2.5	Requirement	2.1.4.1
Test description			
<i>Symbols</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve symbol file references</i>			
Result			
<i>Symbols are retrieved from the portrayal register and added to the catalogue; symbols are available for use in the portrayal builder tool</i>			

Test reference	2.5	Requirement	2.1.4.2
Test description			
<i>Colour tokens</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve colour profile file references</i>			
Result			
<i>Colour tokens are retrieved from the portrayal register and added to the catalogue; colour tokens are available for use in the portrayal builder tool</i>			

Test reference	2.6	Requirement	2.1.4.3
Test description			
<i>Line styles</i>			
Set up			

<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>	
Action	
<i>Retrieve line style file references</i>	
Result	
<i>Line styles are retrieved from the portrayal register and added to the catalogue; line styles are available for use in the portrayal builder tool</i>	

Test reference	2.7	Requirement	2.1.4.4
Test description			
<i>PENs</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve PENs attributes (width and colour)</i>			
Result			
<i>PENs are retrieved from the portrayal register and added to the catalogue; PENs are available for use in the portrayal builder tool</i>			

Test reference	2.8	Requirement	2.1.4.5
Test description			
<i>Area files</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve area fill file references</i>			
Result			
<i>Area files are retrieved from the portrayal register and added to the catalogue; area fills are available for use in the portrayal builder tool</i>			

Test reference	2.9	Requirement	2.1.4.6
Test description			
<i>Pix maps</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve pix map file references</i>			
Result			
<i>Pix maps are retrieved from the portrayal register and added to the catalogue; pix maps are available for use in the portrayal builder tool</i>			

Test reference	2.10	Requirement	2.1.4.7
Test description			
<i>Viewing groups</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve viewing group definitions</i>			
Result			
<i>Viewing groups are retrieved from the portrayal register and added to the catalogue; viewing groups are available for use in the portrayal builder tool</i>			

Test reference	2.11	Requirement	2.1.4.8
Test description			
<i>Display planes</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve display plane definitions</i>			
Result			
<i>Display plane definitions are retrieved from the portrayal register and added to the catalogue; display planes are available for use in the portrayal builder tool</i>			

Test reference	2.12	Requirement	2.1.4.9
Test description			
<i>Rule-sets</i>			
Set up			
<i>Open the application, log in with specified user credentials and establish a connection to the portrayal register</i>			
Action			
<i>Retrieve rule file references</i>			
Result			
<i>Rules are retrieved from the portrayal register and added to the catalogue; rules are available for use in the portrayal builder tool</i>			

Test reference	2.13	Requirement	2.2
Test description			
<i>Open existing catalogue</i>			
Set up			
<i>Log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Select and open existing catalogue</i>			
Result			
<i>The existing catalogue is open for editing</i>			

Test reference	2.14	Requirement	2.3
Test description			
<i>Copy existing catalogue to a new catalogue</i>			
Set up			
<i>Log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Open existing catalogue and copy to a new catalogue</i>			
Result			
<i>A new catalogue is created within the application</i>			

Test reference	2.15-001	Requirement	2.4
Test description			
<i>Delete test catalogue</i>			
Set up			
<i>Log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Select a test catalogue and delete</i>			
Result			
<i>Test catalogue is deleted from the system</i>			

Test reference	2.15-002	Requirement	2.4
Test description			
<i>Delete test catalogue - Delete validated catalogue</i>			
Set up			
<i>Log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Select the existing catalogue and delete</i>			
Result			
<i>Catalogue cannot be deleted as this catalogue was validated</i>			

Test reference	2.16	Requirement	2.5
Test description			
<i>View catalogue</i>			
Set up			
<i>Log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Select catalogue and view</i>			
Result			
<i>The selected catalogue can be viewed</i>			

3.0 Edit Catalogue

Test reference	3.1	Requirement	3.1
Test description			
<i>Add items</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Start adding items into the catalogue and save</i>			
Result			
<i>Added items will be displayed in the catalogue</i>			

Test reference	3.2	Requirement	3.1.1
Test description			
<i>Point features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select the symbol for a point feature and add as a portrayal item</i>			
Result			
<i>Added portrayal items for point features will be displayed in the catalogue</i>			

Test reference	3.3	Requirement	3.1.1.1
Test description			
<i>Add symbol</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and add symbolReference (SVG file)</i>			
Result			
<i>Added symbol reference file to a point feature</i>			

Test reference	3.4	Requirement	3.1.1.2
Test description			

<i>Add viewing group</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a point feature and add to a viewing group</i>
Result
<i>Added a viewing group to a point feature</i>

Test reference	3.5	Requirement	3.1.1.3
Test description			
<i>Add display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and add to display mode</i>			
Result			
<i>Added display mode to a point feature</i>			

Test reference	3.6	Requirement	3.1.1.4
Test description			
<i>Add display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and add to display plane</i>			
Result			
<i>Added display plane to a point feature</i>			

Test reference	3.7	Requirement	3.1.1.5
Test description			
<i>Add rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and add a rule</i>			
Result			
<i>Added a rule to a point feature</i>			

Test reference	3.8	Requirement	3.1.1.6
Test description			
<i>Add user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and add user defined variables</i>			
Result			
<i>Added user defined variables to a point Feature</i>			

Test reference	3.9	Requirement	3.1.1.7
Test description			
<i>Add alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and add alerts and indications</i>			

Result
<i>Added alerts and indications to a point feature</i>

Test reference	3.10	Requirement	3.1.2
Test description			
<i>Line features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select a line feature and add portrayal items</i>			
Result			
<i>Added portrayal items for line features will be displayed in the catalogue</i>			

Test reference	3.11	Requirement	3.1.2.1
Test description			
<i>Add simple line style</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add a line style</i>			
Result			
<i>Added a line style to a line feature</i>			

Test reference	3.12	Requirement	3.1.2.1.1
Test description			
<i>Add colour token</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add colour</i>			
Result			
<i>Added colour token to a line feature</i>			

Test reference	3.13	Requirement	3.1.2.2
Test description			
<i>Add complex line style</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add a complex line style</i>			
Result			
<i>Added a complex line style reference to a line feature</i>			

Test reference	3.14	Requirement	3.1.2.3
Test description			
<i>Add viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add viewing group</i>			
Result			
<i>Added viewing group to a line feature</i>			

Test reference	3.15	Requirement	3.1.2.4
Test description			

<i>Add display mode</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a line feature and add display mode</i>
Result
<i>Added display mode to a line feature</i>

Test reference	3.16	Requirement	3.1.2.5
Test description			
<i>Add display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add display plane</i>			
Result			
<i>Added display plane to a line feature</i>			

Test reference	3.17	Requirement	3.1.2.6
Test description			
<i>Add rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add a rule</i>			
Result			
<i>Added a rule to a line feature</i>			

Test reference	3.18	Requirement	3.1.2.7
Test description			
<i>Add user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add user defined variables</i>			
Result			
<i>Added user defined variables to a line feature</i>			

Test reference	3.19	Requirement	3.1.2.8
Test description			
<i>Add alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and add alerts and indications</i>			
Result			
<i>Added alerts and indications to a line feature</i>			

Test reference	3.20	Requirement	3.1.3
Test description			
<i>Surface features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select surface features and add portrayal items</i>			

Result
<i>The added portrayal items for surface features will be displayed in the catalogue</i>

Test reference	3.21	Requirement	3.1.3.1
Test description			
<i>Add area fill</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add area fill</i>			
Result			
<i>Area fill added to a surface feature</i>			

Test reference	3.22	Requirement	3.1.3.1.1
Test description			
<i>Add colour token</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add a colour token</i>			
Result			
<i>Added a colour token to a surface feature</i>			

Test reference	3.23	Requirement	3.1.3.2
Test description			
<i>Add area pattern</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add an area pattern</i>			
Result			
<i>Added an area pattern to a surface feature</i>			

Test reference	3.24	Requirement	3.1.3.3
Test description			
<i>Add viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add viewing group</i>			
Result			
<i>Added viewing group to a surface feature</i>			

Test reference	3.25	Requirement	3.1.3.4
Test description			
<i>Add display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add display mode</i>			
Result			
<i>Added display mode to a surface feature</i>			

Test reference	3.26	Requirement	3.1.3.5
Test description			

<i>Add display plane</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a surface feature and add display plane</i>
Result
<i>Added display plane to a surface feature</i>

Test reference	3.27	Requirement	3.1.3.6
Test description			
<i>Add rule set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add a rule</i>			
Result			
<i>Added a rule to a surface feature</i>			

Test reference	3.28	Requirement	3.1.3.7
Test description			
<i>Add user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add user defined variables</i>			
Result			
<i>Added user defined variables to a surface feature</i>			

Test reference	3.29	Requirement	3.1.3.8
Test description			
<i>Add alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and add alerts and indications</i>			
Result			
<i>Added alerts and indications to a surface feature</i>			

Test reference	3.30	Requirement	3.2
Test description			
<i>Edit items</i>			
Set up			
<i>Log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Open catalogue and edit items</i>			
Result			
<i>Catalogue is ready for items to be edited</i>			

Test reference	3.31	Requirement	3.2.2
Test description			
<i>Point features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select the symbol for a point feature and add portrayal items</i>			

Result
<i>Revised portrayal items for point features will be displayed in the catalogue</i>

Test reference	3.32	Requirement	3.2.2.1
Test description			
<i>Edit symbol</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and edit the symbolReference (SVG file)</i>			
Result			
<i>Revised the symbol reference file for a point feature</i>			

Test reference	3.33	Requirement	3.2.2.2
Test description			
<i>Edit viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and edit the viewing group</i>			
Result			
<i>Revised viewing group for a point feature</i>			

Test reference	3.34	Requirement	3.2.2.3
Test description			
<i>Edit display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and edit the display mode</i>			
Result			
<i>Revised display mode for a point feature</i>			

Test reference	3.35	Requirement	3.2.2.4
Test description			
<i>Edit display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and edit the display plane</i>			
Result			
<i>Revised display plane for a point feature</i>			

Test reference	3.36	Requirement	3.2.2.5
Test description			
<i>Edit rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and edit the rules</i>			
Result			
<i>Revised rules for a point feature</i>			

Test reference	3.37	Requirement	3.2.2.6
Test description			

<i>Edit user defined variables</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a point feature and edit the user defined variables</i>
Result
<i>Revised user defined variables for a point feature</i>

Test reference	3.38	Requirement	3.2.2.7
Test description			
<i>Edit alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and edit alerts and indications</i>			
Result			
<i>Revised alerts and indications for a point feature</i>			

Test reference	3.39	Requirement	3.2.3
Test description			
<i>Line features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select a line feature and edit portrayal items</i>			
Result			
<i>Revised portrayal items for line features will be displayed in the catalogue</i>			

Test reference	3.40	Requirement	3.2.3.1
Test description			
<i>Edit simple line style</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the line style</i>			
Result			
<i>Revised the line style for a line feature</i>			

Test reference	3.41	Requirement	3.2.3.1.1
Test description			
<i>Edit colour token</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the colour</i>			
Result			
<i>Revised colour token for a line feature</i>			

Test reference	3.42	Requirement	3.2.3.2
Test description			
<i>Edit complex line style</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the complex line style</i>			

Result
<i>Revised the complex line style reference for a line feature</i>

Test reference	3.43	Requirement	3.2.3.3
Test description			
<i>Edit viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the viewing group</i>			
Result			
<i>Revised the viewing group for a line feature</i>			

Test reference	3.44	Requirement	3.2.3.4
Test description			
<i>Edit display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the display mode</i>			
Result			
<i>Revised the display mode for a line feature</i>			

Test reference	3.45	Requirement	3.2.3.5
Test description			
<i>Edit display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the display plane</i>			
Result			
<i>Revised the display plane for a line feature</i>			

Test reference	3.46	Requirement	3.2.3.6
Test description			
<i>Edit rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit a rule</i>			
Result			
<i>Revised a rule for a line feature</i>			

Test reference	3.47	Requirement	3.2.3.7
Test description			
<i>Edit user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and edit the user defined variables</i>			
Result			
<i>Revised the user defined variables for a line feature</i>			

Test reference	3.48	Requirement	3.2.3.8
Test description			

<i>Edit alerts and indications</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a line feature and edit alerts and indications</i>
Result
<i>Revised alerts and indications for a line feature</i>

Test reference	3.49	Requirement	3.2.4
Test description			
<i>Surface features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select a surface feature and edit portrayal items</i>			
Result			
<i>Revised portrayal items for surface features will be displayed in the catalogue</i>			

Test reference	3.50	Requirement	3.2.4.1
Test description			
<i>Edit area fill</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit the area fill</i>			
Result			
<i>Revised the area fill for a surface feature</i>			

Test reference	3.51	Requirement	3.2.4.1.1
Test description			
<i>Edit colour token</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit the colour token</i>			
Result			
<i>Revised the colour token for a surface feature</i>			

Test reference	3.52	Requirement	3.2.4.2
Test description			
<i>Edit area pattern</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit the area pattern</i>			
Result			
<i>Revised the area pattern for a surface feature</i>			

Test reference	3.53	Requirement	3.2.4.3
Test description			
<i>Edit viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit the viewing group</i>			

Result
<i>Revised the viewing group for a surface feature</i>

Test reference	3.54	Requirement	3.2.4.4
Test description			
<i>Edit display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit the display mode</i>			
Result			
<i>Revised the display mode for a surface feature</i>			

Test reference	3.55	Requirement	3.2.4.5
Test description			
<i>Edit display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit the display plane</i>			
Result			
<i>Revised the display plane for a surface feature</i>			

Test reference	3.56	Requirement	3.2.4.6
Test description			
<i>Edit rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit a rule</i>			
Result			
<i>Revised a rule for a surface feature</i>			

Test reference	3.57	Requirement	3.2.4.7
Test description			
<i>Edit user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit user defined variables</i>			
Result			
<i>Revised user defined variables for a surface feature</i>			

Test reference	3.58	Requirement	3.2.4.8
Test description			
<i>Edit alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and edit alerts and indications</i>			
Result			
<i>Revised alerts and indications for a surface feature</i>			

Test reference	3.59	Requirement	3.3
Test description			

<i>Delete items</i>
Set up
<i>Log in with specified user credentials and establish a connection to the system</i>
Action
<i>Open catalogue and start delete items</i>
Result
<i>Catalogue is ready to delete items</i>

Test reference	3.60	Requirement	3.3.2
Test description			
<i>Point Features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select a symbol for a point feature and delete portrayal items</i>			
Result			
<i>Deleted portrayal items for point features will not be displayed in the catalogue</i>			

Test reference	3.61	Requirement	3.3.2.1
Test description			
<i>Delete symbol</i>			
Set up			
<i>Open Catalogue</i>			
Action			
<i>Select a point feature and delete symbolReference (SVG file)</i>			
Result			
<i>Deleted the symbol reference file for a point feature</i>			

Test reference	3.62	Requirement	3.3.2.2
Test description			
<i>Delete viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and delete the viewing group</i>			
Result			
<i>Deleted the viewing group for a point feature</i>			

Test reference	3.63	Requirement	3.3.2.3
Test description			
<i>Delete display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and delete the display mode</i>			
Result			
<i>Deleted display mode for a point feature</i>			

Test reference	3.64	Requirement	3.3.2.4
Test description			
<i>Delete display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and delete the display plane</i>			

Result
<i>Deleted display plane for a point feature</i>

Test reference	3.65	Requirement	3.3.2.5
Test description			
<i>Delete rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and delete a rule</i>			
Result			
<i>Deleted a rule for a point feature</i>			

Test reference	3.66	Requirement	3.3.2.6
Test description			
<i>Delete user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and delete user defined variables</i>			
Result			
<i>Deleted user defined variables for a point feature</i>			

Test reference	3.67	Requirement	3.3.2.7
Test description			
<i>Delete alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a point feature and delete alerts and indications</i>			
Result			
<i>Deleted alerts and indications for a point feature</i>			

Test reference	3.68	Requirement	3.3.3
Test description			
<i>Line features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select a line feature and delete portrayal items</i>			
Result			
<i>Deleted portrayal items for line features will not be displayed in the catalogue</i>			

Test reference	3.69	Requirement	3.3.3.1
Test description			
<i>Delete simple line style</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete a line style</i>			
Result			
<i>Deleted a line style for a line feature</i>			

Test reference	3.70	Requirement	3.3.3.1.1
Test description			

<i>Delete colour token</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a line feature and delete a colour</i>
Result
<i>Deleted a colour token for a line feature</i>

Test reference	3.71	Requirement	3.3.3.2
Test description			
<i>Delete complex line style</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete a complex line style</i>			
Result			
<i>Deleted a complex line style reference for a line feature</i>			

Test reference	3.72	Requirement	3.3.3.3
Test description			
<i>Delete viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete viewing group</i>			
Result			
<i>Deleted viewing group for a line feature</i>			

Test reference	3.73	Requirement	3.3.3.4
Test description			
<i>Delete display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete display mode</i>			
Result			
<i>Deleted display mode for a line feature</i>			

Test reference	3.74	Requirement	3.3.3.5
Test description			
<i>Delete display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete display plane</i>			
Result			
<i>Deleted display plane for a line feature</i>			

Test reference	3.75	Requirement	3.3.3.6
Test description			
<i>Delete rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete a rule</i>			

Result
<i>Deleted a rule for a line feature</i>

Test reference	3.76	Requirement	3.3.3.7
Test description			
<i>Delete user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete user defined variables</i>			
Result			
<i>Deleted user defined variables for a line feature</i>			

Test reference	3.77	Requirement	3.3.3.8
Test description			
<i>Delete alerts and indications</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a line feature and delete alerts and indications</i>			
Result			
<i>Deleted alerts and indications for a line feature</i>			

Test reference	3.78	Requirement	3.3.4
Test description			
<i>Surface features</i>			
Set up			
<i>Open the application with specified user credentials and access the catalogue</i>			
Action			
<i>Select a surface feature and delete portrayal items</i>			
Result			
<i>Deleted portrayal items for surface features will not be displayed in the catalogue</i>			

Test reference	3.79	Requirement	3.3.4.1
Test description			
<i>Delete area fill</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete area fill</i>			
Result			
<i>Deleted area fill for a surface feature</i>			

Test reference	3.80	Requirement	3.3.4.1.1
Test description			
<i>Delete colour token</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete colour token</i>			
Result			
<i>Deleted colour token for a surface feature</i>			

Test reference	3.81	Requirement	3.3.4.2
Test description			

<i>Delete area pattern</i>
Set up
<i>Open catalogue</i>
Action
<i>Select a surface feature and delete the area pattern</i>
Result
<i>Deleted the area pattern for a surface feature</i>

Test reference	3.82	Requirement	3.3.4.3
Test description			
<i>Delete viewing group</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete viewing group</i>			
Result			
<i>Deleted viewing group for a surface feature</i>			

Test reference	3.83	Requirement	3.3.4.4
Test description			
<i>Delete display mode</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete display mode</i>			
Result			
<i>Deleted display mode for a surface feature</i>			

Test reference	3.84	Requirement	3.3.4.5
Test description			
<i>Delete display plane</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete display plane</i>			
Result			
<i>Deleted display plane for a surface feature</i>			

Test reference	3.85	Requirement	3.3.4.6
Test description			
<i>Delete rule-set</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete rule</i>			
Result			
<i>Deleted rule for a surface feature</i>			

Test reference	3.86	Requirement	3.3.4.7
Test description			
<i>Delete user defined variables</i>			
Set up			
<i>Open catalogue</i>			
Action			
<i>Select a surface feature and delete user defined variables</i>			

Result
<i>Deleted user defined variables for a surface feature</i>

Test reference	3.87	Requirement	3.3.4.8
Test description			
<i>Delete alerts and indications</i>			
Set up			
<i>Open Catalogue</i>			
Action			
<i>Select a surface feature and delete alerts and indications</i>			
Result			
<i>Deleted alerts and indications for a surface feature</i>			

4.0 Output Catalogue

Test reference	4.1	Requirement	4.1
Test description			
<i>Export .XML catalogue file</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Open and review the portrayal catalogue and export to .XML</i>			
Result			
<i>The portrayal catalogue can be exported into machine readable format; .XML</i>			

Test reference	4.2	Requirement	4.2
Test description			
<i>Export HTML style sheet</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Open and review the portrayal catalogue and export to an .XSLT template and HTML style sheet</i>			
Result			
<i>The portrayal catalogue can be exported into human readable format; .HTML</i>			

5.0 Validation

Test reference	5.1	Requirement	5.1
Test description			
<i>Is the catalogue valid to the schema</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Select the portrayal catalogue and review the content structure, comparing it to the S100 FC schema</i>			
Result			
<i>Validated the portrayal catalogue against the portrayal schema</i>			

Test reference	5.2-001	Requirement	5.2
Test description			
<i>Is the catalogue valid for content</i>			

Set up
<i>Open the application; log in with specified user credentials and establish a connection to the system</i>
Action
<i>Select the portrayal catalogue and review the content structure, comparing it to the S100 FC content</i>
Result
<i>Validated the portrayal catalogue for content</i>

Test reference	5.2-002	Requirement	5.2
Test description			
<i>Is the catalogue valid for content - Verify catalogue content</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish a connection to the system</i>			
Action			
<i>Select the portrayal catalogue and visually validate the content, comparing it to the S100 FC content</i>			
Result			
<i>Portrayal catalogue with a validated portrayal schema</i>			

Test reference	5.2-003	Requirement	5.2
Test description			
<i>Is the catalogue valid for content - Verify catalogue content in simple viewer</i>			
Set up			
<i>Access simple viewer</i>			
Action			
<i>Open simple viewer</i>			
<i>Load the verified portrayal catalogue and test dataset</i>			
<i>Visually verify that the test dataset is being portrayed expected</i>			
Result			
<i>Visually verified portrayal catalogue</i>			

6.0 Digital Signature

Test reference	6.1-001	Requirement	6.0
Test description			
<i>Create digital signature</i>			
Set up			
<i>Open the application; log in with approved official user credentials and establish a connection to the system</i>			
Action			
<i>Create a digital signature</i>			
Result			
<i>Created a digital signature; it is in the system and ready for use</i>			

Test reference	6.1-002	Requirement	6.0
Test description			
<i>Create digital signature - Approve catalogue</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish connection to the system; open the validated portrayal catalogue</i>			
Action			
<i>Approve the validated portrayal catalogue</i>			
Result			

Portrayal catalogue is now approved

Test reference	6.1-003	Requirement	6.0
Test description			
<i>Create digital signature - Assign a digital signature</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish connection to the system; access the approved portrayal catalogue</i>			
Action			
<i>Assign a digital signature</i>			
Result			
<i>The approved portrayal catalogue has been signed with a digital signature and is ready for distribution</i>			

Test reference	6.1-004	Requirement	6.0
Test description			
<i>Create digital signature - Open and edit a signed portrayal catalogue</i>			
Set up			
<i>Open the application; log in with specified user credentials and establish connection to the system; access a signed portrayal catalogue</i>			
Action			
<i>Open portrayal catalogue and attempt edits</i>			
Result			
<i>No edits should be possible to a catalogue that has a digital signature</i>			