Test Report

for

Highstage validation test report for SW10055-8

	Test Re Project nu Author: Date:	port: imber:	TR12519-1 VALIDATION SK 2020-05-19
	Review by Review da	y: ate:	SJ 2020-05-19
	This test 1	report is ba	sed on the following test specification:
	Test speci	ification:	TS10340
Approval: Date 2020-05-19	CET 23:35:36	Initials SK	Name Justification Stefan Skau Author
By signing the docume	nis document nt	t I hereby de	clare that I have reviewed the content relevant to me and I approve

Purpose of this validation

The purpose of validation is to validate Highstage version 8.

Specifically, this is a validation of Highstage version **SW10055-8BA** which will be released as the approved and validated Highstage version **SW10055-8**.

Conclusion of validation

Validation procedure has been completed with no remarks.

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1 Scope and Purpose

The purpose of this document is twofold (TS and TR). As TS (Test Specification) the document serves as a specification of tests to be performed. As TR (Test Report) the document serves as a template for logging the actual test results. Before the validation is performed, TS is cloned to a TR. The TR document serves as the report, where all the result from the test is recorded. The TR is placed in the "VALIDATION" workspace

2 Terms and Definitions

Meta-data	Attributes of a document controlled by Highstage, e.g. author,
	workspace etc.
PAC	Point And Click with the mouse
[XXXXXX]	Text inside a closed set of brackets represents the state a
	document is in, E.g [Working] or [Approved]

3 References and Related Documents

- [1] <u>QD10378</u> Document handling process
- [2] <u>RS10341</u> Requirement Specification for Highstage
- [3] <u>TS10340</u> Test Specification for Highstage
- [4] <u>UG10024</u> User Guide for Highstage

4 Document Control

The document is identified and filed according to ref. [1].

5 Features to be tested

This test is primarily a validation of the user access to Highstage and validation of the 'Document' functionality of Highstage

- Unintended/unauthorized deletion/alteration
 - Files directly on the file server
 - Approved or previous version through Highstage
- Search functions
 - o Meta-data search
 - Free text search, alone and combined with Meta-data search
 - Special characters
- Links in, out and between documents in Highstage
 - Newest issue, newest draft, new document dialog
 - Between documents
 - From document out
 - Remote access

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- o Login
- Functionality
- Document generation and templates
 - Document types
 - Special characters
 - Unique document ID
 - Validation of fields with predefined selections, e.g. workspace name
 - Verify field limits, e.g. max. number of authors
 - o Meta-data on template
- Document handling
 - o Review / approval
 - o Minor changes
 - o Event log
 - Revision list
 - \circ Obsolete and re-activation
- Login/access
 - Unauthorized login
- Response time
- PDF generation
 - Generation of PDF from Word, Excel, Power Point documents
- Browser functionality

6 Test approach

The tests are manual performed by one user with normal access rights

(FT: First tester= your personal username).

In test cases requiring one or more users (test cases 5 and 6) the following test users are included:

- First tester (Personal Account)
- Second tester (VALTEST1),
- Third tester (VALTEST2)
- Fourth tester (VALTEST3).

All tests are executed using a standard workstation. For each test, please note which test profile have been used together with the used browser and OS like:

'First Tester using Internet Explorer 9' please note it like 'FT/IE9'

If a test pass, write PASS

If a test fails write FAIL and note the behaviour or reason.

Username	Specification	Profile		
(FT) / Personal account	First Tester	FT/EDGE		
VALTEST1	Seconds tester	VALTEST1/ME81.0.416.72		
VALTEST2	Third tester	VALTEST2/FF76.0.1		
VALTEST3	Fourth tester	VALTEST3/GC81.0.4044.138		

Browser explanations:

Abbreviation	Browser	
Mex	Microsoft Edge where x is the version number	
IEx	Internet Explorer where x is the version number	
FFx	Firefox where x is the version number	
CHx	Google Chrome where x is the version number	

Other Abbreviations:

Abbreviation	Browser	
	Means a button on the screen with three dots	
PAC	Point And Click with the mouse	
HS	Refer to the web application Highstage	

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Test Case 0: Preparation					
Function	Function: Review test documents from previous execution of this test if applicable				
Descrip	Description: 1. Environment for this specific test (version/revision): 2. A description of input data: Test files from previous run of this test might be available 3. Initialising: None				
Step	Specification	Expected	Pass/Fail		
	Note the version of HighStage. The version is found in the system menu under [Setup]	SW10055-X(Y)			
1	Review test files from previous execution of this test by using the Highstage Change feature. The files will be located under workspace 'Validation'. The Search function can be used to find the listed test documents in HS	Documents status:TestDoc1 [Approved] authored byVALTEST1TestDoc2 In [Working] authored byVALTEST1TestDoc3 In [Review] authored byVALTEST1TestDoc4 In [Working] authored byVALTEST1TestDoc5 in [Working] authored by FTTestDoc6 in [Approved authored] by FTTestDoc7 in [Approved] authored by FT	Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass		

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Test Case 1: Deletion/alteration					
Function	Verified that files in Highstage are adequately protected against unintended deletion or alternation i.e.: Only files in "Working" state can be deleted or changed, and it can only be done by the author(s)				
Descript	 Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage validation test report for SW10055-8 2. A description of input data: Test documents in Approved and Review state must exist Test documents in Working state must exist both with the tester as author and with other author. 3. Initialising: None 				
Step	Specification	Expected	Pass/Fail		
1.1	Click folder icon to open TestDoc2, owner VALTEST1.Document in create! As FT user, edit and save approved document for which you are <i>not</i> author from it's directory on the Highstage server. Use t.ex VALTESTx user to generate document. Logon as VALTESTx and make doc. Using TestDoc2, Owned by VALTEST1, Status Approved	Not possible to save the changed document in the same directory. Folder is read only	Pass		
1.2	Delete approved document for which you are <i>not</i> author from its directory on the Highstage server. Using TestDoc1, Owned by VALTEST1, Status: Approved	Deletion prohibited. Deletion denied	Pass		
1.3	Open, edit and save draft document (in review state) for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc3, Owned by VALTEST1, Status: Review	Not possible to save the changed document in the same directory. Saving denied	Pass		
1.4	Delete draft document (in review state) for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc3, Owned by VALTEST1, Status: Review	Deletion prohibited. Deletion denied	Pass		
1.5	Open, edit and save working document for which you are <i>not</i> author from its directory on the Highstage server Using TestDoc4, Owned by VALTEST1, Status: Working	Not possible to save the changed document in the same directory. Saving denied	Pass		

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1.6	Delete working document for which you are <i>not</i> author from its directory on the Highstage server	Deletion prohibited. Deletion denied	Pass
	Using TestDoc2, Owned by VALTEST1, Status, Working		
1.7	Open, edit and save working document (in working state) for which you	Changes can be saved in the same file. Changes	Pass
	are author from its directory on the Highstage server. Use 'EDIT' Button	saved	
	Using TestDoc5, Owned by FT, Status Working		
1.8	Delete working document for which you <i>are</i> author from its directory on	Document is deleted	Pass
	the Highstage server		
1.9	Open, edit and save approved document from its folder in Highstage	Not possible to save the changed document in	Pass
	Using TestDoc6, Owned by FT, Status APPROVED	the same directory. Saving denied	
1.10	Delete approved document from its folder in Highstage	Deletion prohibited. Deletion denied	Pass
	Using TestDoc6, Owned by FT, Status: APPROVED	1	
1.11	Open, edit and save document in Review state from its folder in Highstage	Not possible to save the changed document in	Pass
	Using TestDoc7, Owned by FT, Status: REVIEW	the same directory. Saving denied	
1.12	Delete document in review state (not draft document) from its folder in	Deletion prohibited. Deletion denied	Pass
	Highstage		
	Using TestDoc7, Owned by FT, Status: REVIEW		

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	Test Case 2: Search functions			
Function	Inction: Verify that the right documents are found using the different search functions and that the search functions can handle special characters adequately.			
Descript	 tion: 1. Environment for this specific test (version/revision). Highstage version 2. A description of input data: Test Documents for which you know a generation of the search page is active 	ion: Highstage validation test report for SW1005 given word exists, including special characters e.g.	5 5-8 @,!,",#,&,\$,£,?,* or %	
Step	Specification	Expected	Pass/Fail	
2.1	Navigate to [DOCUMENTS -> Search] In the search field in the top of the frame, Write "Buksetrold", in the first dropdown box choose [File content] and pick [Latest Approved]" in the revision filter, Then press the 'Search' button.	The following documents should at least be the result of the search: Testdoc7	Pass	
2.2	Verify that the document has "Buksetrold" somewhere in the document	The text "Buksetrold" found in 2 documents	Pass	
2.1a	Navigate to [DOCUMENTS -> Search] Select [File content] in the first drop-down . Select [Filter: Latest] in the third drop-down menu. Write " <i>Buksetrold</i> " in the empty search field. Click [Search].	A series of ducuments, at least: This document TestDoc7	Pass	
2.2a	Verify that 2 of the other documents has "Buksetrold" somewhere in the document	The text "Buksetrold" found in 2 documents	Pass	
2.3	In the [item] field write UG and press return	UG10370-1 is shown. If others are shown verify that they are of Type UG and holds the text Highstage	Pass	
2.4	Enter the email address "VALTEST1@HighStage.com" from test document in the search field, and make sure [File content] have been chosen in the first dropdown box then press return.	The test document is found	Pass	
2.5	Enter other special character "words" from the test document in the search field and make sure [File content] have been chosen in the first dropdown box, then press return	The test document is found	Pass	

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	Test Case 3: Links in, out and between documents in Highstage				
Functio	• Verify that links can be made in, out and between documents in Highstage, referring to specific issue, newest draft/working copy or newest approved version. Verify also that the new document dialog can be linked to from outside Highstage selecting a specific document type.				
Descript	tion: 1. Environment for this specific test (version/revision). Highstage versi	on: Highstage validation test report for SW100	55-8		
	2. A description of input data:				
	Test document (#1) with approved version 1, a newer draft version 2a a	and a even newer version 2b in Working mode			
	Test document (#2) with only a version 1a in working mode				
	Instruction on how to make the links into Highstage is found in ref.[4].				
	3. Initialising: None				
Step	Specification	Expected	Pass/Fail		
3.1	Create a record of the link to newest approved version of testdoc #1 from	Newest approved version (1) of the document	Pass		
	the browser. Remove revision prefix from the URI to the site.	should be shown.			
3.2	Create a record of the link to newest draft version of testdoc #1 and PAC it.	Newest draft version (2b) opened	Pass		
Remove revisions from link, add &latest=1 to the URI. and browse the					
	resource.				
3.3	Create a record of the link to newest approved version of testdoc #2 and	No document found since testdoc #2 has not	Pass		
	access it with the browser.	been approved yet			
3.4	Create a record of the link to newest draft version of testdoc #2 access it	Newest draft version (1a) opened	Pass		
	with the browser.				
3.5	Click on [Documents] -> [New] add &itemtype=GD to the URL, and press	The site to create a new document is shown on	Pass		
	enter. Copy the URL and make a record of it. Paste the URL into a browser	the screen when accessing it with the browser,			
	request it.	Type is already filled with the property (GD).			
3.6	Copy the link to newest approved version of testdoc #1 add &approved=1	Newest approved version (1) opens in the	Pass		
	to the URI and save it into testdoc2. Save the document and reopen testdoc	browser			
	#2. PAC the link				
3.7	In testdoc. #2 create a link to newest draft version of testdoc #1, using the	Newest draft version (1) opened	Pass		

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URI concadinated with &latest=1 . save the doc	nent and reopen testdoc
#2 then PAC the link	

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	Test Case 4: Remote access				
Functio	n:				
Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage validation test report for SW10055-8 A PC with a MS Internet explorer (>= ver. 5.5) using remote access to the Highstage server 2. A description of input data: None 3. Initialising: None			55-8		
Step	Specification	Expected	Pass/Fail		
4.1	Log on to Highstage	The Highstage Main page is shown	Pass		
4.2	Create new test document	A document is created	Pass		
4.3	Open, edit and save the new test document	Author and Document ID is correct	Pass		
4.4	Close document and Approve it	Document is approved and pdf version is generated	Pass		

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Test Case 5: Document generation and templates					
Function	Function: • Document generation and templates • Document types • Document types • Special characters • Unique document ID • Validation of fields with predefined selections, e.g. workspace name • Meta-data on template Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage validation test report for SW10055-8 2. A description of input data: None				
Step	Specification	Expected	Pass/Fail		
5.1	Press [Documents] -> [New]	The "Create new document" menu is shown	Pass		
5.2	Press the [] button left to the input field "Type"	You get the list of document types you have used previously. (Resent types)	Pass		
5.3	Press [All Subtypes] in the dialog box	You get the full list of document types	Pass		
5.4	Press the [] button left to the input field "Workspace"	You get the list of workspaces you have used previously. (Resent workspaces)	Pass		
5.5	Press [All workspaces] tab on the "Workspace" line	You get the full list of workspaces	Pass		
5.6	Write "!#¤%&/()=?@£\$" as document type, ",;:_*^"'" as workspace, "test" as description and press "Create"	An error message is shown	Pass		
5.7	Write "GD" as document type, VALIDATION as workspace, !"#¤%&/(/)=)=?@£\$ as description and press "Create" Note Document number	A new document is created and the document page for it is shown	Pass		
5.8	Click the input field belonging to "Workspace"	A dialog box is shown, with a warning regarding moving files is shown	Pass		
5.9	Press [All workspaces] on the workspace line	A list of all workspaces is shown, together with the warning	Pass		
5.10	Select workspace TEST, and press [OK]	Workspace now shown as TEST	Pass		
5.11	Use e.g. windows explorer to check the files are moved in the Highstage	Files now exist under workspace TEST and not	Pass		

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	server file structure	under workspace VALIDATION	
	Files found in: TEST\GD{docnumber}		
5.12	Change workspace back to VALIDATION	Files now exist under workspace	Pass
	Files found in: VALIDATION\GD{docnumber}	VALIDATION and not under workspace TEST	
5.13	Write false user eg. "BBB" in Author and click on 'Review'	An error message is shown	Pass
5.14	Press "", add Second tester, Third tester, Fourth tester as Authors and	No error message is shown	Pass
	click on 'Review'		
5.15	Change and write "BBB" in 'ReviewBy' and click on Approve	An error message is shown	Pass
5.16	Press "", add Second tester, Third tester and Fourth tester as Reviewers	No error message is shown	Pass
	and click on Approve		
5.17	Change and write "BBB" in 'ApproveBy' and click on 'Review'	An error message is shown	Pass
5.18	Press "", add Second tester, Third tester and Fourth tester to	No error message is shown	Pass
	'ApproveBy' and click on 'Review' And click 'OK'		
5.19	Write something in the alias field, press edit and open	Field on the frontpage are updated with relevant	
		data	
5.20	Write the name of your second tester (VALTEST2) in the Review and	Status is changed to review	Pass
	Approve fields, remove the person from the Author list and press 'Review'		
5.21	Press delete on the document	The document cannot be deleted	Pass
5.22	Press the eventlog	The entries of the log equals the steps	Pass
		performed in this test case	
5.23	Press [Documents] -> [Search] in the revision filter choose [Latest	The search page is shown with document in	Pass
	revisions] in the drop-down box.	various states	
5.24	Enter the number of document you created in the Item field and press	The document you created is shown and no	Pass
	"enter"	other documents are shown	
5.25	Try with 10 other numbers between 10001 and the number of you current	Only one document is shown at each search	Pass
	test doc.	-	

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	Test Case 6: Document handling				
Functio Descrip	Function: Review / approval Eventlog Revision list Obsolete and re-activation Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage validation test report for SW10055-8				
	3. Initialising: None				
Step	Specification	Expected	Pass/Fail		
6.1	VALTEST2: Open the Highstage main page	The document is shown in the "My reviews and Approvals"	Pass		
6.2	VALTEST2: Open the test document created in test case 5	The document is in review state and waits for VALTEST2	Pass		
6.3	VALTEST2: Reject the review with a comment	VALTEST2 is asked to enter ID and password. The document is shown as rejected	Pass		
6.4	VALTEST1: Update the document page	The document is shown as rejected	Pass		
6.5	VALTEST1: Press advanced and change	Status is changed to Working	Pass		
6.6	VALTEST1: Open the document, make some changes, close document and press review	The document is in review state and waits for second tester	Pass		
6.7	VALTEST2: Accept the review with a comment	VALTEST2 is asked to enter ID and password. The document is shown as reviewed and ready for approval	Pass		
6.8	VALTEST2: Approve the document	VALTEST2 is asked to enter ID, password and a justification. The document is shown as in approval	Pass		
6.9	VALTEST2: Approve document on behalf of FT, VALTEST1 and VALTEST3;	VALTEST2 is asked to enter ID, password and a justification The document is shown as approved	Pass		

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6.10	FT (First tester): Press Change	The document is in Working state ready to be edited	Pass
6.11	Edit the document, Clear reviewer, enter FT as approver, enter a change note and press approve.	The document is in approval state	Pass
6.12	Approve the document	The document is shown approved in a new version	Pass
6.13	Open 'Advanced' section, Press 'Minor Change'	The document revision would not change after after 'Minor Change' Note that the minor edition is shown as [.x] are shown after the document number.	Pass
6.14	In the 'Documents->Search'	See that the minor edition is shown as [.x] after the Item number	Pass
6.15	Open the 'Advanced' section.	There is no 'Minor Change'	Pass
6.16	Press 'Approval'	The document is in approval state. The Minor edition is shown as [.x] after the item number	Pass
6.17	Press 'Change'	The document revision is increased with one. Document in Working state	Pass
6.18	Press 'Approval'	The document is in approval state.	Pass
6.19	Press 'Obsolete' under the Advanced tab	The document is shown as obsolete in the status field	Pass
6.20	Press search and search for the document number	The document is not shown	Pass
6.21	In the Revision filter choose [All revisions] and search again	The document is not found	Pass
6.22	In the Revision filter choose [Obsolete] and search again	The document is found	Pass
6.23	Open the document page, under [Advanced] press the input field [obsolete] and unclick the [Obsolete] check box, write a reason in the note, and press [OK]	FT is asked to enter ID ', password and Note The document is shown as approved	Pass
6.24	In the Revision filter choose [List all revisions]	The correct revision story is shown	Pass
6.25	Press [Eventlog]	The entries of the log equals the steps performed in this test case	Pass

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Test Case 7: Login				
Functio	n: o Unauthorized login			
Descrip	Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage validation test report for SW10055-8			
	2. A description of input data:			
	3. Initialising: None			
Step	Specification	Expected	Pass/Fail	
7.1	Enter illegal name and password	You are not logged in	Pass	
7.2	Repeat with several other names and passwords	An Internet Explorer error page is shown	Pass	
7.3	Open Highstage using correct username and password	Highstage is opened	Pass	

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	Test Case 8: Response time				
Functio	n:				
Descrip	tion: 1. Environment for this specific test (version/revision). Highstage version	ion: Highstage validation test report for SW1005	55-8		
	2. A description of input data:				
	3. Initialising: None				
Step	Specification	Expected	Pass/Fail		
8.1	Open Internet Explorer and type Highstage	Main page shown in less than 5 sec.	Pass		
8.2	Open a document page	Page shown in less than 5 sec.	Pass		
8.3	Open 10 different document pages	At least 9 of the 10 pages are pages shown in	Pass		
		less than 1 sec.			
8.4	Open the search page	Search page shown in less than 1 sec.	Pass		
8.5	Try 10 different searches	At least 9 of the 10 searches takes less than 2	Pass		
		sec.			

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	Test Case 9: PDF generation				
Functio	Function: • PDF generation				
Descrip	Description: 1. Environment for this specific test (version/revision). Highstage version: Highstage validation test report for SW10055-8 2. A description of input data: None 3. Initialising: None				
Step	Specification	Expected	Pass/Fail		
9.1	Create word document with different fonts as well as figure & table which expands outside page size (i.e. should be clipped by the pdf printer).		Pass		
9.2	Send it for review	A pdf version is generated	Pass		
9.3	Verify that the pdf version is correct	The pdf version is similar to the word version	Pass		
9.4	Press Change and replace the word file with an excel workbook with multiple sheets, e.g. system test sheet. Press update to get Highstage to rename file to the correct filename		Pass		
9.5	Send it for review	A pdf version is generated	Pass		
9.6	Verify that the pdf version is correct	The pdf version is similar to the excel version	Pass		
9.7	Press Change and replace the excel file with a PowerPoint file with multiple pages. Press update to get Highstage to rename file to the correct filename		Pass		
9.8	Send it for review	A pdf version is generated	Pass		
9.9	Verify that the pdf version is correct	The pdf version is similar to the PowerPoint version	Pass		