

Document Design Document appendix 3	Test name Qualman functional test cases	Project Qualman development project
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Purpose To confirm that the Qualman system fulfils the functional requirements.	
Description Functional tests to verify the functionality of the Qualman system.	Set up System is configured with some basic data to provide test data for the tests.
Login name	Access level used Most tests are performed with admin access rights except the ones testing access level functionality.

## TESTS

ID	References	Test	Expected result	Actual Result	Pass/ Fail	Performed by (date/signature)
2.1	Qualman Requirements Document	Retrieve two new qualification numbers from the system for the series 30 and name them test1 and test2.	The qualification numbers taken from the system is on the format X-YYYY where X is the series 30. The sequences YYYY for the two numbers are consecutive.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.2 2.8	Qualman Requirements Document	Retrieve two new qualification numbers – one for a validation (V) and one for a qualification (Q).	Two sub-qualification numbers have been created on the format X-YYYY-V01 and X-YYYY-Q01 respectively.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.3	Qualman Requirements Document	Store a sub-qualification with qualification title “test_sub”, a name of a qualification leader, a project number, a start date, an approval date and an end date in the system.	A sub-qualification with the with qualification title, name of the qualification leader, project number, start date, approval date and end date given has been stored in the system.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.4	Qualman Requirements Document	From the edit sub-qualification interface, set the status of a qualification “test_sub” from NEW to APPROVED and save.	The status of the qualification “test_title” is APPROVED.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

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2.5	Qualman Requirements Document	Add a sub-qualifications an existing qualification number.	An option for “Add sub-qualification” within qualification number interface is available. A new interface, with the text areas for all types of information needed to be stored, appears.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.6	Qualman Requirements Document	Add a sub-qualifications to an existing qualification number. Select “Validation” or “Qualification”. Save.	The saved qualification number in on the format (X-YYYY) followed by V for validations and Q for qualification, followed by a sequence.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.7	Qualman Requirements Document	Add a sub-qualifications to an existing qualification number. Select the type of the sub-qualification to be IQ. Save.	A sub-qualification of the selected type has been saved.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.9	Qualman Requirements Document	Store a partial sub-qualification for an existing validation. Choose the partial qualification type “D”. Save.	A partial qualification on the X-YYYY-Vx-Dy, where x and y are sequences, has been created.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.10	Qualman Requirements Document	Store a partial sub-qualification for an existing validation. Choose the partial qualification type “T”. Save.	A partial qualification on the X-YYYY-Vx-Ty, where x and y are sequences, has been created.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

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2.11	Qualman Requirements Document	Store document information for a new document in a sub-qualification, including, title, author, approval date, archive location and ID in the archiving system.	An option for “ Edit documentation information” within sub-qualification information interface is available. A new sub-interface, with the text areas for all types of information needed to be stored, appears. Information is successfully stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.12	Qualman Requirements Document	Store a document of the type URS.	A list with the types of document within documentation information interface is available. The required type is successfully selected. Information is successfully stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.13	Qualman Requirements Document	Store the path to an electronic version of a sub-qualification document.	A text aria for “electronic storage path” within documentation information interface is available. Information is successfully stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.14	Qualman Requirements Document	Access an electronic document through the system.	The corresponding Office application is invoked to display the document. Document is successfully displayed.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.15	Qualman Requirements Document	Attempt to change a qualification or sub-qualification number.	It is not possible to change a qualification or sub-qualification number from the application GUI .		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.16	Qualman Requirements Document	Edit title and qualification leader for a sub-qualification. Save.	Options for editing qualification information within a sub-qualification information is available. Changes have been successfully stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	

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2.17	Qualman Requirements Document	Change title, author and archive location for a sub-qualification document.	An option for “Edit documentation information” within sub-qualification information interface is available. Document information has been successfully changed.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.18	Qualman Requirements Document	Attempt to delete a qualification from the application interface. Attempt to delete the corresponding document. Attempt to delete the qualification type for the qualification.	It is not possible to delete the qualification , document or qualification type.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.19	Qualman Requirements Document	Set the status of a qualification and corresponding documents in the system to OBSOLETE. Save.	A list with available statuses for document and qualification records is available. The required status is successfully selected. The status of the qualification and documents has been changed.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.20	Qualman Requirements Document	Copy a sub-qualification to create a new sub-qualification number.	A new qualification containing the copied information has been created.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.21	Qualman Requirements Document	Register a remaining activity for a qualification, including name of the activity, person responsible, status and date completed.	The activity is successfully stored.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

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2.22	Qualman Requirements Document	Store a product name along with re-qualification interval and qualification status in the system.	The product information has been successfully stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.23	Qualman Requirements Document	Store a process step for a specific product in the system.	The process steps for a product has been stored in the system.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.24	Qualman Requirements Document	Store an equipment with name, re-qualification intervals, department, room and qualification status in the system. Save. Alter the equipment room. Save.	The equipment has been stored. It is possible to change the room.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.25	Qualman Requirements Document	Select products from a list in the equipment GUI for a specific equipment. Store the selected products for the equipment.	The products selected for the specified equipment have been stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.26	Qualman Requirements Document	Create a new version of a specific equipment and change the product use for the equipment. Connect the new version to a qualification	A new version of the equipment has been created. It is possible to connect the new version to a qualification.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	
2.27	Qualman Requirements Document	Store a new method with name, re-qualification interval and qualification status in the system.	The method information has been successfully stored.		<input type="checkbox"/> Pass  <input type="checkbox"/> Fail	

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2.28	Qualman Requirements Document	Link a material code, a process steps, an equipment, and a method to a specific qualification.	The link information has been stored.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.29	Qualman Requirements Document	Store a change control numbers (on the format YYYY-xxx) to a particular qualification.	The change control number has been saved for the qualification.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.30	Qualman Requirements Document	Store a new department. Store a new room for that department.	Department and room information has been successfully stored.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.31	Qualman Requirements Document	Store a new qualification series (e.g. 30 for production, 45 for laboratories).	The series has been successfully stored.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.32	Qualman Requirements Document	Add free-text comments for a qualification, a document, an equipment and a method.	It is possible to add free-text to these items.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.33	Qualman Requirements Document	Search the system for qualifications using the parameters qualification number, qualification title, archive location, start, approval and end date, product, material code, process step, equipment, method, room and department.	Correct search results are successfully displayed.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

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2.34	Qualman Requirements Document	Search the system for qualifications using the wildcards (* or %) in several fields.	Correct search results for wild-card search are successfully displayed.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.35	Qualman Requirements Document	Export search results.	Exported results are in a format that is readable by MS Excel.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.36	Qualman Requirements Document	Export search results to Excel.	MS Excel is invoked and displays the search results.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.37	Qualman Requirements Document	Add a simple Crystal report to the system that is accessible from within the interface.	Report can be accessed from within the system.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.38	Qualman Requirements Document	Verify that list-of-values for users to choose from are used for type values, for choosing equipment, products, methods, material code, department and room.	List-of-values are available to choose equipment, products, methods, material code, department, room, and different types.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.39	Qualman Requirements Document	Try to log on as a domain user part of the Qualman admin domain group.	User is successfully authenticated with admin rights. Admin parts of GUI are displayed.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

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2.40	Qualman Requirements Document	N/A. Domain authentication will be used.			<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.41	Qualman Requirements Document	Choose the database server and database at logon.	The correct database is accessed.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
2.42	Qualman Requirements Document	Leave the application open and inactive for 31 min.	User has been automatically logged out.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

Test protocol summary					
Performed by	Signature	Date	Reviewed by	Signature	Date