



Zoom Tools – Expert reviews: Tool Qualification Kit for Testwell CTC ++

The Tool Qualification Kit for Testwell CTC ++ allows to qualify the coverage analyzer Testwell CTC++ for critical projects and especially respond to safety standards DO-178C, ISO26262, EN-50128, IEC 61508 and IEC 60880. It helps to certify projects using Testwell CTC ++ for test coverage analysis. The user can modify the artifacts in the Qualification Kit to meet the needs of his own project.

Expert reviews on Tool Qualification Kit for Testwell CTC++:

- What allows the Tool Qualification Kit for Testwell CTC ++ to users?

“For safety critical development code coverage analysis is highly recommended by safety standards. Testwell CTC++ is a leading tool to do this coverage analysis.

All tools which are used for the development of safety critical software need first to be classified (Tool Classification) in order to determine whether a qualification of the tool is necessary. This classification considers the impact of the software tool on the project. For tools which can have an impact on the project, and in which a malfunction is not immediately apparent, the safety standards require proof of trustworthiness. This proof can be done by a qualification of the tool (Tool Qualification) and with the Testwell CTC++ Qualification Kit this is quite easy.” K. Lambertz (Managing Director)

“The qualification kit allows the user qualify the Testwell CTC++ tool for the use in safety critical system development compliant to the standards DO-178C, IEC 61508, ISO 26262, EN 50128.” O. Slotosch (Standards Expert)

“The Tool Qualification Kit for Testwell CTC++ allows the user to boost his qualification process.” S.Götzinger (IT Trainer)

“The Tool Qualification Kit for Testwell CTC++ supports the customer in the certification of their products by proving that Testwell CTC++ works correctly in their particular projects.” P. Handzhiyska (Marketing & Sales)

- Why the Qualification Kit is a real support for people who need to respond to a standard?

"Because the standards require all used tools to be classified and qualified and the qualification kit supports these steps. Furthermore the qualification kit contains the traceability to show that the standards are satisfied and thousands of test cases showing that Testwell CTC++ computes the expected coverage."
O. Slotosch (Standards Expert)

"Because even the terms are often not clear. For a long time, users asked for certification instead of a qualification kit. Thus we saw the need for a kit that helps the user. Within this tool, there are several Use-Case-Scenarios for Testwell CTC++. Accompanied by these Use Cases, several Mitigations and Test Cases are already developed and usable. So the question is: Why would someone always want to reinvent the lightbulb, thus losing much money?" S.Götzinger (IT Trainer)

"A tool must always be qualified within the concrete development environment of the tool user. The Tool Qualification Kit for Testwell CTC++ reduces dramatically the effort for the tool qualification. The kit supports the user in the qualification of safety critical software development according to the standards ISO 26262, DO-178C, IEC 61508, IEC 60880 and EN 50128. The Qualification Kit for Testwell CTC++ validates that statement, decision, and MC/DC coverage is properly analyzed and shown in your development and project environment." K. Lambertz (Managing Director)

- What is the feedback of customers using the Tool Qualification Kit for Testwell CTC++ ?

"I like the statement of one customer : Our CTC++ Qualification Kit built together with Validas is rated "best" by customers who compared it to "Qual-Kits" of competitors." O. Slotosch (Standards Expert)

*"The best Qualification Kit on the market." was the recent opinion of a customer.
The Qualification Kit for Testwell CTC++ is used successfully by important companies in automotive and aerospace sectors. Most of them rate the kit of "best in class".* P. Handzhiyska (Marketing & Sales)

"Many of our customers told us, that the Qualification Kit for Testwell CTC++ is one of the best they have ever seen. The tool qualification is easy and straightforward with the kit." K. Lambertz (Managing Director)