

CTL Provisional DECISION SHEET (PDSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Publication date
OD 5001	Clause 8.2.1 a)	2246	2024
Category			
All			
Subject	Keywords	Developed by	To be approved
Calibration Interval.	Calibration, timer, interval	WG1	2024 CTL Plenary Meeting
Question			
Do digital stopwatches and computer or otherwise electronically based controls for measuring the test duration need to be yearly calibrated			
Decision			
Since most digital timers and stopwatches are based on a quartz (physically stable), an initial calibration ICO is sufficient for this type of "use". If necessary, an A2 verification with an interval of 24 months can be added together with a battery change.			
Explanatory notes			
<p>Digital stopwatches and computer or otherwise electronically based controls for measuring the test duration in the environmental simulation do not have to be calibrated, since according to all modern experience they are either "accurate enough" (no significant influence on the test result) or clearly defective. This does not apply to clocks with mechanical elements (movement, hands). They must therefore be calibrated.</p> <p>The reaction time of the user represents the actually decisive "error size", a tolerance according to CTL OD-5014 with +/- 1% or approx. 1sec/1h is completely sufficient.</p> <p>Based on DAkkS decision B SK-MB 04/2016.</p>			

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