CRA SAMPLE

F09 Validation record, safety function

Blank template · Nordwald Wärmetechnik GmbH, networked wood chip boiler NWT HACKTHERM 60 connect

Publisher	OT-Cyber.de, Max Gilg, Rosenheim
Sample company	Nordwald Wärmetechnik GmbH, networked wood chip boiler NWT HACKTHERM 60 connect (fictitious)
Note	Free sample, not legal advice

Fill in the fields, approve with date and signature, file according to document control.

1 Purpose and scope

Validation of each safety function by fault injection in accordance with EN ISO 13849-2, stating result, tester and test item. After changes, verification of the signature or a new validation.

How to fill in this form

Fill in the fields with the details of your company. Below each table and next to each field there is an example from the sample company for orientation. Refer to evidence by number (e.g. ticket or form). Finally approve with date and signature and file according to document control.

2 Document control

Field	Entry
Document no.	
Version, status	
Scope	
Author	
Checked by	
Approval	
Next review	
Confidentiality	
Filing	

3 Validation record, safety function: overview

SF	Test	Fault injection	Result	Date

Example row from the sample: SF: SF1 · Test: Drop chute 95 °C simulated · Fault injection: Sensor wire break · Result: Rotary valve closed in 2.1 s · Date: 02.03.2027

Legend: SF = safety function.

Field	Entry	Example from the sample
Test item		Pilot series HT60C-27-0001, controller 3.0.2, …
Tester		Ingenieurbüro Lechner with J. Weiß, measurement …
After change 3.0.3		05.09.2027: overall signature of F-program …
Method		Fault list in accordance with EN ISO 13849-2 …

4 Terms and abbreviations

CE: CE marking: the manufacturer declares that the product meets EU requirements

F-AI: fail-safe analogue input

SF: safety function

STL: safety temperature limiter

5 Revision history and approval

Version	Date	Change	Approval

Approved (name, function, date, signature): _____ · Free sample from OT-Cyber.de, not legal advice. Company, persons, serial numbers and data are entirely fictitious.