CRA SAMPLE

F10 Routine test record

Example after one year of operation, status 26.02.2028 · 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

Company, people, data and numbers are fictitious. This is how the document looks after one year of operation.

1 Purpose and scope

Routine test for each serial number: protective earth conductor, insulation, safety functions, software versions, base secret and marking. Performed at Schaltanlagen Hofer and on the boiler (P13).

2 Document control

Field	Entry
Document no.	NWT-CE-F10
Version, status	1.4, approved
Scope	NWT HACKTHERM 60 connect (18 to 60 kW), controller, gateway, portal and app
Author	Jonas Weiß, Engineering and Product Security (PSO)
Checked by	Ingenieurbüro Lechner (safety), Sichtwerk Security (security)
Approval	Michael Berger, Managing Director, 26.02.2028
Next review	15.03.2029 or in the event of a substantial modification
Confidentiality	internal
Filing	Technical documentation NWT-TD-HT60C, retained for at least 10 years after the last unit is placed on the market

3 Test plan per unit

✓ Protective earth conductor and insulation tested to EN 60204-1

✓ SF1 to SF10 functionally tested, SF3 and SF4 with tripping

✓ Software versions of controller, firmware signature and gateway checked and recorded

✓ Device secret generated and not included in the report

✓ Rating plate, end-of-support label and warning notices complete

✓ Factory settings: remote access off, automatic updates on

Serial number	Date	Controller	Gateway	Result
HT60C-27-0001	12.03.2027	3.0.2	1.4.0	Pass
HT60C-27-0012	30.06.2027	3.0.2	1.4.2	Pass
HT60C-27-0019	18.09.2027	3.0.3	1.4.2	Terminal reworked, then pass
HT60C-27-0022	30.10.2027	3.0.3	1.4.2	Pass
HT60C-27-0027	28.11.2027	3.0.3	1.5.0	Pass

Serial number	Date	Controller	Gateway	Result
HT60C-28-0031	22.01.2028	3.0.3	1.5.0	Pass
HT60C-28-0033	19.02.2028	3.0.3	1.5.1	Pass
HT60C-28-0034	26.02.2028	3.0.3	1.5.1	Pass

Evaluation: 34 units tested, 33 without findings and one with a loose terminal in the control cabinet (fixed; cause: assembly; Hofer staff trained on 25.09.2027). The complete list of all 34 reports is kept in file 7.

4 Terms and abbreviations

SF: safety function

5 Revision history and approval

Version	Date	Change	Approval
1.0	10.03.2027	Test plan introduced	M. Berger
1.2	30.09.2027	20 units tested	M. Berger
1.4	26.02.2028	34 units tested	M. Berger

Approved: Michael Berger, Managing Director, 26.02.2028 (signed in the original). Free sample from OT-Cyber.de, not legal advice. Company, persons, serial numbers and data are entirely fictitious.