CRA SAMPLE

F11 Commissioning record

Example after one year of operation, status 27.02.2028 · 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

Commissioning at the customer site with initial security configuration, operator briefing and handover of documentation (P14). One record per system, signed by the operator.

2 Document control

Field	Entry
Document no.	NWT-CE-F11
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, 27.02.2028
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 Initial security configuration

✓ Operator account created with MFA, device secret handed over sealed with the documentation

✓ Remote access disabled, maintenance authorisation in the app explained

✓ Automatic updates enabled, opt-out explained

✓ Gateway in a separate network segment, absence of inbound connections from the internet verified

✓ Building management system connected read-only, if requested

✓ Briefing given on safety functions, fuel storage room, emergency procedure and end of support

System	Serial number	Date	Operator	Notes
A-001	HT60C-27-0001	20.03.2027	Musterdorf School	Pilot system
A-012	HT60C-27-0012	06.07.2027	Inn	Rotary lock retrofitted
A-018	HT60C-27-0020	28.09.2027	Musterau local heating network	Control system read-only
A-024	HT60C-27-0026	30.11.2027	Sawmill	Remote access not requested

System	Serial number	Date	Operator	Notes
A-029	HT60C-28-0031	29.01.2028	Municipality	Briefing for municipal works depot
A-031	HT60C-28-0033	27.02.2028	Farm	No findings

As of 27.02.2028, 31 systems are in operation and three units are held at dealers. All 31 records are signed and filed in record 8; a completeness sample check by M. Berger on 05.02.2028 found no issues.

4 Terms and abbreviations

MFA: multi-factor authentication

5 Revision history and approval

Version	Date	Change	Approval
1.0	20.03.2027	First system	M. Berger
1.2	30.09.2027	18 systems	M. Berger
1.4	27.02.2028	31 systems	M. Berger

Approved: Michael Berger, Managing Director, 27.02.2028 (signed in the original). Free sample from OT-Cyber.de, not legal advice. Company, persons, serial numbers and data are entirely fictitious.