CRA SAMPLE

F08 Change request

Example after one year of operation, status 28.02.2028 · 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

Every change to the boiler, control system, gateway, portal or app is requested, assessed for safety and for substantial modification, and approved (P12). A substantial modification would require a new conformity assessment.

2 Document control

Field	Entry
Document no.	NWT-CE-F08
Version, status	1.7, 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, 28.02.2028
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 Change request: overview

Request	Change	Safety	Substantial	Approval
NWT-CHG-2027-001	Gateway 1.4.1, bug fix	no	no	15.05.2027
NWT-CHG-2027-002	New supplier for rotary valve motor, same specifications	checked	no	30.05.2027
NWT-CHG-2027-003	Portal: new consumption display	no	no	05.06.2027
NWT-CHG-2027-004	Gateway 1.4.2, security update	no	no	23.06.2027
NWT-CHG-2027-005	Control system 3.0.3, burner control	signature checked	no	05.09.2027
NWT-CHG-2027-006	Rotary valve rotation lock (G15)	improvement	no	12.09.2027
NWT-CHG-2027-007	Gateway 1.5.0, maintenance authorisation	D07 C16	no	20.11.2027

Request	Change	Safety	Substantial	Approval
NWT-CHG-2027-008	App 3.4, update display	no	no	20.11.2027
NWT-CHG-2028-001	Gateway 1.5.1, TLS	no	no	12.02.2028

Check declaration: At every approval: does declaration D11 cover the new state (product, software versions, legal acts, standards)? If not, it is updated and signed again

Substantial modification check: New function or new risk not assessed in D06 or D07? Change to the intended use? Intervention in safety functions?

Example CHG-2027-007: New maintenance authorisation function: risk C16 reassessed, R1 = 4, no change to safety functions or intended use; result not substantial, D07 and D13 updated

4 Terms and abbreviations

CHG: change request (number range)

NWT: abbreviation of the sample company in document and ticket numbers

TLS: encryption of the connection

5 Revision history and approval

Version	Date	Change	Approval
1.0	15.03.2027	Register opened	M. Berger
1.2	05.06.2027	CHG 002 to 003	M. Berger
1.3	05.09.2027	CHG 005	M. Berger
1.5	20.11.2027	CHG 007 to 008	M. Berger
1.6	05.02.2028	CHG 2028-001	M. Berger
1.7	28.02.2028	Declaration checked at every approval	M. Berger

Approved: Michael Berger, Managing Director, 28.02.2028 (signed in the original). Free sample from OT-Cyber.de, not legal advice. Company, persons, serial numbers and data are entirely fictitious.