CRA SAMPLE

D03 Plant description

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

Describes exactly what is placed on the market: product data, assemblies, interfaces, intended use, reasonably foreseeable misuse and life cycle phases. Basis for D06, D07 and the technical documentation.

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 Plant description: overview

Field	Entry	Example from the sample
Type		NWT HACKTHERM 60 connect, output 18 to 60 kW, …
Variants		HT60C-30, HT60C-45, HT60C-60; same controller …
Software versions		Controller 3.0.3 (safety program 3.0.0 …

Assembly	Supplier	Safety relevance

Example row from the sample: Assembly: Boiler body, heat exchanger · Supplier: Kesselbau Alpenrand · Safety relevance: Pressure, temperature

Interface	Direction	Protocol	Protection

Example row from the sample: Interface: Gateway to portal · Direction: Outbound only · Protocol: MQTT over TLS 1.3 · Protection: Certificate per device

Describe your status here, specifically and with a date. Example from the sample: Intended use: heat generation for buildings and local heating networks using wood chips, installation in a boiler room, operation by instructed operators, remote access …

…

…

…

Example from the sample: Life cycle phases: transport, installation, commissioning with initial security configuration (F11), operation, …

4 Terms and abbreviations

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

CHG: change request (number range)

HTTPS: encrypted web connection

MFA: multi-factor authentication

MQTT: messaging protocol between device and portal

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

SF: safety function

STL: safety temperature limiter

TCP: transport protocol in the network

TLS: encryption of the connection

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.