CRA SAMPLE

# D06 Risk assessment, machinery safety

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

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|---|---|
| **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

Hazards according to EN ISO 12100 across all life cycle phases, risk reduction using the three-step method (inherently safe design, technical protective measures, information for use) and residual risks for the instructions.

**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 Risk assessment, machinery safety: overview

**How to read the table**

**Each row is a hazard to people at the installation, sorted by life cycle phase. “Before” is the risk without protection, “Residual” is the risk afterwards. The target everywhere is “low”; anything that remains appears as a warning in the instructions.**

| ID | Phase | Hazard | Before | Measure | Residual |
|---|---|---|---|---|---|
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Example row from the sample: ID: G01 · Phase: Operation · Hazard: Burn-back into fuel store · Before: high · Measure: SF1, thermal extinguishing · Residual: low

Legend: G = hazard; residual risk after the measure (low, medium, high according to EN ISO 12100).

Describe your status here, specifically and with a date. Example from the sample: G15 was added following feedback from commissioning of serial number HT60C-27-0012: a fitter freed a jammed rotary valve by hand.

| Field | Entry | Example from the sample |
|---|---|---|
| Residual risks for the instructions | | hot surfaces, dust in the store, residual … |

# 4 Terms and abbreviations

**CO:** carbon monoxide

**SF:** safety function

**STL:** safety temperature limiter

# 5 Revision history and approval

| Version | Date | Change | Approval |
|---|---|---|---|
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| | | | |
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| | | | |

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