

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company



ELMESS-Thermosystemtechnik GmbH & Co. KG
Nordallee 1, 29525 Uelzen, Germany

has been verified and recognized
as welding workshop based on the requirements of the standard

DIN EN ISO 3834-2

Comprehensive quality requirements

Certificate-No.: 07/204/1204/HS/0639/22

The range of validity and details of the inspection can be seen
on the back page and in our report

No.: 8120601034

The company is using a quality assurance system,
technical equipment, qualified personnel and procedures for joining processes.

This certificate is valid until

August 2025



Hamburg, 14.10.2022

To verify the validity of the digital signature of the TÜV NORD Systems
employee, the installation of the TÜV NORD GROUP root certificate is
required: <https://www.tuev-nord.de/en/customer-login/digital-signature/>

Certification body
of TÜV NORD Systems GmbH & Co. KG
Accredited Body

Scope of the welding activities

Only valid in relation and as an attachment to the certificate DIN EN ISO 3834 Part 2

Manufacturer: ELMESS-Thermosystemtechnik GmbH & Co. KG,
29525 Uelzen, Germany
Cert.-no.: 07/204/1204/HS/0639/22
Date of issue: 14.10.2022

1 Product(s) of the manufacturer

In the following depending on possibly further required certifications:
Electric industrial heaters and flow heaters

2 Product standards and other standards (see DIN EN ISO 3834-5)

AD 2000-HP0, DIN EN 13445
DIN EN ISO 9606-1, DIN EN ISO 13585
DIN EN ISO 5817, DIN EN ISO 18279
DIN EN ISO 15614-1 level 2, DIN EN ISO 15614-8, DIN EN 13134

3 Material groups (acc. to CEN ISO/TR 15608)

1.1, 1.2 $R_{eH} \leq 355$ MPa, 8.1, 45

4 Welding processes and related material groups

Welding processes (acc. to ISO 4063) with grade of mechanization	Material groups (acc. to CEN ISO/TR 15608)
141 TIG Tungsten inert gas welding, manual	8.1, 45
145 TIG Tungsten inert gas welding using inert gas plus reducing gas additions, manual	1.1, 1.2 $R_{eH} \leq 355$ MPa 8.1
912 Flame brazing, manual	8.1

5 Responsible welding coordinators

Name	Qualification	Scope of competence and level *
Riedler, Uwe	IWS	Responsible welding coordinator B
Doerk, Klaus	EWS	Deputy welding coordinator B

* The level of knowledge complies with ISO 14731 B, S or C