

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Mankenberg GmbH
Spenglerstraße 99
23556 Lübeck**

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/0571/22

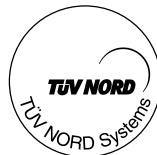
The range of validity and details of the inspection can be seen
on the back page and in our report

No.: 8120448029

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

This certificate is valid until

May 2025



Hamburg, 2022-07-21

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/>

Liebscher

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: Mankenberg GmbH, 23556 Lübeck
Cert.-no.: 07/204/1204/HS/0571/22
Date of issue: 2022-07-21

1 Product(s) of the manufacturer
Control fittings for pressure and level

2 Product standards and other standards (see DIN EN ISO 3834-5)
ISO 9606-1, -5, ISO 14732, AD 2000-Merkblatt HP 3
ISO 5817 in connection with AD 2000-Merkblatt HP 5/1
ISO 15614-1, -5, ISO 15613, AD 2000-Merkblatt HP 2/1 und 5/2

3 Material groups (acc. to CEN ISO/TR 15608)
1.1, 1.2 ReH ≤ 355 MPa, 8.1, 8.2, 10.1, 10.2, 51, 53, 44

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)
135 MAG Metal active gas welding, partly-mechanized	1.1, 8.1, 1.1-8.1
111 E Manual metal arc welding	1.1, 8.1, 1.1-8.1
141 TIG Tungsten inert gas welding, manual	1.1, 8.1, 8.2, 10.1, 10.2, 51, 53, 44, 1.1-8.1, 1.2-8.1
141 TIG Tungsten inert gas welding without filler metal, fully mechanised, manual	8.1
785 Lift ignition stud welding	8.1

5 Responsible welding coordinators

Name	Qualification	Scope of competence and level *
Bruhn, Jan-Niklas	IWE	Responsible welding coordinator C
Behrens, Thorsten	IWE	Deputy welding coordinator C

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