

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Stahlbau Nord GmbH
Am Lunedeich 156
27572 Bremerhaven / 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.: 07/204/1280/HS/4606/23

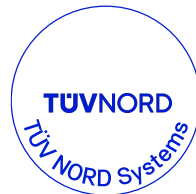
The range of validity and details of the inspection can be seen
on the back page and in our report

No.: 8121202417

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

This certificate is valid until

March 2024



Hamburg, 28.04.2023

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

TÜV NORD Systems GmbH & Co. KG • Technikzentrum • Certification Body
Große Bahnstraße 31 • 22525 Hamburg
Telefon (040) 8557-0 • Fax (040) 8557-2710 • E-mail: technikzentrum@tuev-nord.de

Scope of the welding activities

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

Manufacturer: Stahlbau Nord GmbH, 27572 Bremerhaven / Germany
 Cert.-no.: 07/204/1280/HS/4606/23
 Date of issue: 28.04.2023

1 Product(s) of the manufacturer

Structural components and steel structures until EXC4 according to EN 1090-2.
 In the following depending on possibly further required certifications:
 Pipeline and steel constructions for hydraulic engineering,
 welded structures for ship- and offshore-sector

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

DIN EN 1090-2
 DIN EN ISO 9606-1/2, DIN EN ISO 14732
 DIN EN ISO 5817, DIN EN ISO 10042
 DIN EN ISO 15614-1 Stufe 2, DIN EN ISO 15614-2

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

1, 2, 3.1 $R_{eH} \leq 690$ MPa, 8.1, 9.3, 10.1, 22, 23

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, 2, 3.1 $R_{eH} \leq 690$ MPa
111 E Manual metal arc welding	1.1, 1.2 $R_{eH} \leq 355$ MPa
141 TIG Tungsten inert gas welding, manual	1.1, 1.2 $R_{eH} \leq 355$ MPa, 8.1
131 MIG Metal inert gas welding, partly-mechanized	22, 22.4-23.1
121 SAW Submerged arc welding, fully mechanized	1.1, 1.2 $R_{eH} \leq 355$ MPa
136 MAG Metal active gas welding with flux cored electrode, partly-mechanized	1.1, 1.2, 1.3 $R_{eH} \leq 460$ MPa, 8.1, 9.3, 10.1
138 MAG Metal active gas welding with metal cored electrode, partly-mechanized	1.1, 1.2 $R_{eH} \leq 355$ MPa

5 Responsible welding coordinators

Name	Qualification	Scope of competence and level *
Uzun, Ayhan (external)	IWE	Responsible welding coordinator C
Lewandowski, Andreas	IWS	Support. welding coordinator B
Plate, Frank	EWS	Support. welding coordinator B
Kilicaslan, Orhan	EWS	Support. welding coordinator B

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