

# CERTIFICATE

**TÜV NORD Systems GmbH & Co. KG**

certifies that the company



**Kliewe GmbH  
Flagentwiet 42  
22457 Hamburg, 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.: 07/204/1201/HS/0574/20**

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

No.: 8118386645

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

This certificate is valid until

**September 2023**



Hamburg, 02.09.2020

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: Kliewe GmbH, 22457 Hamburg, Germany  
 Cert.-no.: 07/204/1201/HS/0574/20  
 Date of issue: 02.09.2020

### 1 Product(s) of the manufacturer

Structural components and steel structures until EXC2 according to EN 1090-2 in the following depending on possibly further required certifications: pressure equipment and parts as well as piping and piping systems acc. to AD 2000-Merkblatt HP0 / HP 100R as well as DIN EN 13445-4 and DIN EN 13480-4

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

DIN EN 1090-2, DIN 2303  
 AD2000-Merkblatt HP0, HP100R, DIN EN 13445-4, DIN EN 13480-4  
 DIN EN ISO 9606-1, DIN EN ISO 9606-3, DIN EN ISO 9606-4, DIN EN ISO 13585,  
 DIN EN ISO 14732  
 DIN EN ISO 5817  
 DIN EN ISO 15614-1, -6, -8, DIN EN 13134

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

- a) 1.1, 1.2  $R_{eH} \leq 355$  MPa
- b) 8.1, 8.2, 10.1, 31, 34, 43 only in the range of PED 2014/68/EU\*)

### 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, 1.2 $R_{eH} \leq 355$ MPa
136 MAG Metal active gas welding with flux cored electrode, partly-mechanized	8.1 <sup>*)</sup>
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 <sup>*)</sup> , 8.2 <sup>*)</sup> , 10.1 <sup>*)</sup> , 34 <sup>*)</sup> , 43 <sup>*)</sup>
141/142 TIG Tungsten inert gas welding, fully-mechanized	8.1 <sup>*)</sup> , 43 <sup>*)</sup>
912, Flame brazing, manual	31 <sup>*)</sup> , 31-1.1 <sup>*)</sup> , 31-8.1 <sup>*)</sup>

### 5 Responsible welding coordinators

Name	Qualification	Scope of competence and level *
Gomse, Christian	IWE	Responsible welding coordinator C
Mayer, Marek	EWS	Support. welding coordinator B

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