

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Hoedtke GmbH & Co. KG
Industriestraße 2-3
25421 Pinneberg, 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/0844/18

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

No.: 8116287953

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

This certificate is valid until

October 2021

Hamburg, 03.12.2018



Kaschner

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: Hoedtke GmbH & Co. KG, 25421 Pinneberg, Germany
Cert.-no.: 07/204/1201/HS/0844/18
Date of issue: 03.12.2018

1 Product(s) of the manufacturer

In the following depending on possibly further required certifications:
Pressure vessels and parts for railway vehicles

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

AD2000 HP0, DIN EN 15085

DIN EN ISO 9606-1, -2, -4, -5, DIN EN ISO 14732

DIN EN ISO 5817, DIN EN ISO 10042

DIN EN ISO 15612, DIN EN ISO 15613,

DIN EN ISO 15614-1, DIN EN ISO 15614-2, DIN EN ISO 15614-5

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

1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$, 2.1 $R_{eH} \leq 460 \text{ N/mm}^2$,

8.1, 9.2, 9.3, 10, 21, 22, 23, 41 - 48, 51 - 54

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 with solid wire electrode, partly-mechanized	1, 2.1 $R_{eH} \leq 460 \text{ N/mm}^2$
141 TIG Tungsten inert gas welding with solid filler material (wire/rod), manual	1, 2.1 $R_{eH} \leq 460 \text{ N/mm}^2$, 8.1, 9.2, 9.3, 10, 23, 41 - 48, 51 - 54
131 MIG Metal inert gas welding with solid wire electrode, partly-mechanized	21, 22, 23
521 Solid state laser welding, fully mechanized	1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$, 8.1, 21, 22, 23, 41 - 48, 51 - 54
522 Gas laser welding, fully mechanized	1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$, 8.1, 21, 22, 23, 41 - 48, 51 - 54

5 Responsible welding coordinators

Name	Qualification	Scope of competence and level*
Marco	EWE	Responsible welding coordinator C
Detlef	EWS	Support. welding coordinator B

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

TÜV NORD Systems GmbH & Co. KG • Technikzentrum • Certification Body

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