

# Certificate

**TN/ISO3834/0696/23**

Report No. / Manufacturer No. / Validity remark: 8121959452 / 0696 / 23.01.2024 - 31.10.2026

## Quality Requirements for Fusion Welding of metallic Materials

We hereby confirm, that the manufacturer

**NUTECH Gesellschaft für Lasertechnik und Materialprüfung mbH**  
**Ilshahl 5**  
**24536 Neumünster**  
**Germany**

has been assessed and recognised on the basis of

**DIN EN ISO 3834 part 2**  
**Comprehensive Quality Requirements**

The company applies a quality assurance system and has appropriately suitable operational equipment, qualified personnel and joining procedures.

The scope of the certification and the details of the assessment can be found in the scope of the certificate and in the report.

Auditor: N. Bremer

Hamburg, 23.01.2024

**TÜVNORD**

Digitally signed by  
Schneider Viktor



Accredited Certification Body

**TÜV NORD Systems GmbH & Co. KG**

Große Bahnstraße 31, 22525 Hamburg, Germany  
tuev-nord.de | certifications@tuev-nord.de

## Scope of the Certificate

### TN/ISO3834/0696/23

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#### Manufacturing Site(s):

Ilssahl 5, 24536 Neumünster, Germany

Industriestraße 30-32, 24536 Neumünster, Germany

#### Product(s) of the Manufacturer:

In the following depending on possibly further required certifications:

Laser welded parts and components

Components for railway vehicles CL1 acc. to EN 15085-2

#### Product Standard(s) and other Standards (see DIN EN ISO 3834-5):

DIN EN 15085-2, AD 2000-Merkblatt HP0

DIN EN ISO 14732

DIN EN ISO 13919

DIN EN ISO 15613, DIN EN ISO 15614-11

#### Welding Process(es) (acc. to ISO 4063) with Degree of Mechanisation and Material Groups (acc. to CEN ISO/TR 15608):

52 Laser welding, automatically, for 1.1, 1.2 with  $ReH \leq 355 \text{ MPa}^*$ , 8.1

\* Out of scope AD2000-Merkblatt HP0

#### Responsible Welding Supervisor(s)

Name, Given Name / Qualification / Area of Responsibility / Degree of Knowledge \*

Kellner, Torben / IWE / responsible welding coordinator / C

Rach, Axel (external) / EWE / deputy welding supervisor / C

\* the degree of knowledge must be in accordance with ISO 14731 B, S or C.