TÜV NORD

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

NUTECH Gesellschaft für Lasertechnik
und Materialprüfung
Ilsahl 5
24536 Neumünster

has been verified and recognized
as welding workshop in the product range of

Laser welded components

based on the requirements of the standard

DIN EN ISO 3834-2

Certificate-No.: 07/204/1326/HS/0696/17

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

Report No.: 1326ST17270 / SAP No.: 8115116017

The company is using a quality assurance system,
technical equipment, qualified personnel and procedures for joining processes
for manufacturing and testing of welded products.

This certificate is valid until

Oktober 2020

Hamburg, 02.11.2017

DAkkS
Deutsche
Akkreditierungsstelle
D-ZE-11074-03-00

TÜV NORD
TÜV NORD Systems

D. Hoffmann

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) 8557-2368 • 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: *NUTECH Gesellschaft für Lasertechnik und Materialprüfung*
Manufact. sites 24536 Neumünster, Ilsahl 5
Cert.-no.: 07/204/1326/HS/0696/17
Date of issue: 02.11.2017

1 Product(s) of the manufacturer
Laser - welded products
Parts for railway vehicles *CL1*according to EN 15085-2

2 Product standards and other standards (see DIN EN ISO 3834-5)
DIN EN 15085-2
DIN EN ISO 14732
DIN EN ISO 5817
DIN EN ISO 15313, 15614

3 Material groups (acc. to CEN ISO/TR 15608)
Example 1.1, 1.2 $R_{eH} \leq 350$ N/mm², *8.1*

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)
52 Laser - welded	*1.1, 1.2, 8.1*

5 Responsible welding coordinators

Name	Qualification	Scope of competence and level*
Axel Rach	*SFI (EWE)*	*Responsible welding coordinator C*
Jürgen Arens	*SFM (IWS)*	*Deputy welding coordinator S*

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