



AC 161

CERTIFICATE

No. TSP-3834-285.02



Polska

Company



HT LASER Sp. z o.o.

ul. Mogileńska 50, 61-044 Poznań, Poland

With production plant

HT LASER Sp. z o.o.

ul. Mogileńska 50, 61-044 Poznań, Poland

fulfils the **quality requirements for fusion welding processes** acc.

PN-EN ISO 3834-2:2007

The range of approval is presented in the Annex.

The period of validity of certificate: from 16.03.2017 to 15.03.2022

Next surveillance audit until **15.02.2020** under the pain of expiry of the certificate.

Warsaw, date 06.05.2019


Mięczysław Obiedziński
Deputy CEO



TÜV SÜD Polska Sp. z o.o.

ul. Podwale 17

00 – 252 Warszawa





Certificate of welding processes according to PN-EN ISO 3834-2:2007 covers the following range:

Product and scope of application: Steel constructions, manufacturing of simple parts of rail vehicles.

Product standard/specification: ISO 15609-1, ISO 15614-1, ISO 15614-2, ISO 13916, ISO/TR 17671-2, ISO/TR 17844, ISO 17635, ISO 17662.

Base materials: 1.1, 1.2, 2.1, 3.2, 8.1, 22.1, 23.3

Dimensions: Material thickness up to 100,0 mm
Pipe diameters from 15,0 mm
Range of wall thickness from 1,3 mm

Welding methods: 131 – MIG welding with solid wire electrode
135 – MAG welding with solid wire electrode
135 AUTO – Automatic MAG welding with solid wire electrode
141 – TIG welding with solid filler material (wire/rod)

Welding supervisor: Maciej Klawiński (IWE)

Deputy of welding supervisor: Paweł Grzeškowiak (IWE)

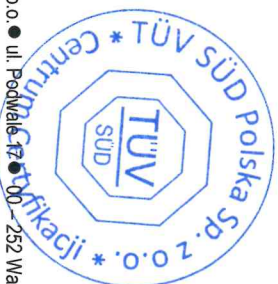
Non destructive testing personnel: Person responsible for non destructive testing: Tomasz Gawron

Deputy of non destructive testing responsible person: Paweł Grzeškowiak (VT2, PT2, MT2)

REMARKS: The certification was granted in accordance with the certification program PR3834, date 01.12.2014.

The validity of the certificate may be confirmed by scanning the QR code or visit the web address: http://certyfikaty-tuv-sud.pl/certyfikaty_wyrobow/

Warsaw, 06.05.2019




Mięczyśław Obiedziński
Deputy CEO