

# CERTIFICATE

## Welding of railway vehicles and components according to: EN 15085-2

This Certificate is issued to: **HT Laser Oy**  
**Kolhontie 88,**  
**42700 Keuruu (Finland)**

Is qualified to perform welding work within the range of certification of

### Certification Level CL2 according EN 15085-2

**Scope:** Manufacture of welded components with laser-welded metal sandwich panels  
for the railway industry

### Welding processes and base material groups:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	1.1	t = 0.5 - 3 mm	FW sl
141	1.1	t = 1 - 3 mm	BW/FW sl
52	1.1	t = 0.5 - 1.5 mm	Lap weld 0.5+0.75mm & 1.75+1.5mm

**Responsible welding coordinator (RWC):** Hannu Hakamäki (EWS) Born: 1958  
**Deputy Responsible welding coordinator:** Anna Fellman (EWE) Born: 1977  
**Comments:** see annex.

**Certificate No:** LRE/15085/CL2/076/2/18  
**Valid:** From 4 February 2019 to 3 February 2022  
**Issued on:** 5 May 2020  
**Auditor:** Rodrigo González  
**IWE number:** ES-962



LR031.1.2016.06

José Rivero

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Managing Director of Lloyd's Register España, S.A.

General regulations (see annex)

**Comments:**

This Certificate is subject to monitoring of compliance by Lloyd's Register Spain SA as required by the standard EN15085-2: 2007

The coordinators are authorised to test procedures, welders and welding operators according for their field.

Design and Purchase of welded parts excluded.

**General regulations**

according to EN 15085-2

**Revocation of the Certificate**

The national safety authority or the manufacturer certification body issuing this certificate may revoke the certificate if:

- there are justified doubts as to the proper execution of the welding work according to the stated standards,
- there are justified doubts as to the proper welding coordination according to the stated standards,
- no recognized welding coordinator is available any longer,
- no valid qualification test certificates for the welders and welding operators according to the specified standards are available,
- welders or welding operators without tested qualifications have been entrusted with the execution of welding work under the stated standards,
- other conditions according to the stated standards are no longer satisfied,
- the manufacturer certification body was refused an opportunity to perform the annual verification,
- the welding manufacturer waives the certificate

The welding manufacturer shall acknowledge the revocation in writing to the manufacturer certification body. The manufacturer certification body shall notify the national safety authority.

If a valid certificate is to be renewed, the renewal must be applied for with the manufacturer certification body at least three months before the end of the period of validity of the current certificate.

**Distribution list:**

1. Applicant (original- Email)
2. LRE Madrid