



# Certificate

## MANAGEMENT SYSTEM CERTIFICATION

This is to certify that  
**Quality Requirements for Welding of Railway Vehicles  
 And Components**

At

**High Volt Electricals Pvt. Ltd.**

J -46/J-47, MIDC Tarapur Industrial Area, Boisar-401 506  
 Maharashtra, India

Complies with the requirements of

**Certification level CL1 according to  
 EN 15085-2:2020**

This certificate is valid for the type of activities D, P, M & S related to Annex 1:

- Sheet Metal Press Components, Fabrication Components And Machining Works
- Aluminum Transformer Tank and New Build Parts For Railway Vehicles

14.09.2022

Date of Issue

13.09.2025

Valid Until\*

10132

Certificate No.

Associates



Technical Director

**DEMING CERTIFICATION SERVICES PVT. LTD.**

For Further Clarification Of The Scope Of The Certificate, Validity  
 And The Applicability Of The Management System, Can Be

Obtained From [info@demingcert.com](mailto:info@demingcert.com) Website: [www.demingcert.com](http://www.demingcert.com)

Astoria Park, 09-09, Tower E, 32, Lorong Mydin, Singapore – 416826 Lack Of Fulfillment Of Conditions Set Out For The Issuance Of This  
 Certificate And Timely Completion Periodic Surveillance Audits May Render This Certificate Invalid.



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# Annex 1

## Certification level CL1 according to EN 15085-2

**Certificate no.: 10132**

**Field of application:** • Sheet Metal Press Components, Fabrication Components and Machining Works.  
• Aluminum Transformer Tank and New Build Parts for Railway Vehicles.

### Range of certification

Welding Process

according to EN

ISO 4063

Material Group according to CEN ISO/TR 15608 Dimensions

111: MMA

Group 1.1 - Steels with a specified minimum yield strength  $R_{eN} \geq 275 \text{ N/mm}^2$

Group 1.2 - Steels with a specified minimum yield strength  $275 \text{ N/mm}^2 < R_{eN} \leq 360 \text{ N/mm}^2$

131: MIG

Group 22.1 - Al-Mg alloys

3mm - 24mm

Group 22.2 - Al-Mg alloys with Mg  $< 1.5\%$

Group 22.3 - Al-Mg alloys with  $1.5\% < \text{Mg} \leq 3.5\%$

Group 22.4 - Al-Mg alloys with Mg , 3.5%

Group 23.1 - Al-Mg Si alloys

135: MAG

Group 1.1 - Steels with a specified minimum yield strength  $R_{eN} < 275 \text{ N/mm}^2$

FW

BW

1.5mm - 24mm

1.2mm - 25mm

Group 1.2 - Steels with a specified minimum yield strength  $275 \text{ N/mm}^2 < R_{eN} \leq 360 \text{ N/mm}^2$

360 N/mm<sup>2</sup>

Group 1.4 - Steels with improved atmospheric corrosion resistance whose analysis may exceed the requirements for the single elements as indicated in

Group 1

141: TIG

Group 1.1 - Steels with a specified minimum yield strength  $R_{eN} \geq 275 \text{ N/mm}^2$  2.1mm - 6mm

Group 8.1 - Austenitic Stainless Steels with Cr  $\geq 19\%$  1.4mm - 2.6mm

Group 22.1 - Al-Mg alloys

3mm - 6mm

Group 22.2 - Al-Mg alloys with Mg  $\leq 1.5\%$

Group 22.3 - Al-Mg alloys with  $1.5\% < \text{Mg} \leq 3.5\%$

Group 22.4 - Al-Mg alloys with Mg , 3.5%

### Group 23.1 - Al-Mg Si alloys

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
131 (MIG)	1.2, 8, 22.1, 22.2, 22.3, 23.1	t = 1 - 20 mm D >= 80 mm	FW BW
141 (TIG)	1.2, 8, 1.1, 22.1, 22.2, 22.3, 23.1	t = 1 - 20 mm D >= 80 mm	FW BW

**Responsible welding coordinator:** **Bharat Poddar** born: **28.07.1951**

**Deputy with equal rights:** -

**Deputy:** **Ulhas Churi** born: **08.06.1969**

## 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 **two months** before the end of the period of validity of the current certificate.

### Distribution list:

1. Applicant (original)
2. Files