

CERTIFICATE

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

TÜVRh/15085/CL1/323/14/3A1

TÜV Rheinland Industrie Service GmbH hereby certifies that the welding company

Fundição do Alto da Lixa, S.A.
Rua do Castanheiro Redondo, 265 Toqueiras
4600-761 Teloos Amarante
Portugal

fulfills the requirements
for the scope according to

EN 15085-2 classification level CL1
in the type of activity P
in the range indicated in the annex.

validity: 2022-03-03 until 2024-03-01

Cologne, 2022-03-03
Place and date of issue

Lead auditor: Dipl.-Ing. NORDHAUSEN


Dipl.-Ing. MAKOWKA
Head of certification body



TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln, GERMANY

Scope of the certificate

TÜVRh/15085/CL1/323/14/3A1

Scope:

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions | Remarks |
|--|--|--------------------|---|
| 111 | 1.2, 3.2, 8 10 | - t = 8 - 30 mm | manually, Finishing welding manually, finishing welding |
| 135 | 1.2/3.1 3.2, 7, 8 | t = 6 - 24 mm - | FW, BW, partly mechanized, (3.1:G28Mn6) partly mechanized, Finishing welding |
| 136 | 1.2 | t = 8 - 30 mm | partly mechanized, Finishing welding |
| 138 | 1.2/3.1 | t = 6 - 24 mm | FW, BW, partly mechanized, (3.1:G28Mn6) |

Area of Application:

- New build of railway vehicles and their components
 - Finishing welding of castings for new construction of parts for rail vehicles
 - Draw and buffering gear

Responsible welding coordinator(s):

António Acácio Couto Jorge Lima, Level A (IWE) born: 1951-05-04
[external]

1st deputy(ies) of the responsible welding coordinator(s):

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Others deputies:

en: José Pedro Ribeira da Silva, Level C born: 1981-01-01

Remarks:

The welding coordinator António Acácio Couto Jorge Lima is entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.

Register no.:

TÜVRh/15085/CL1/323/14/3A1

General provisions:

The General Terms and Conditions of the TÜV Rheinland Industrie Service GmbH apply in the currently valid version.

TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln, GERMANY