

C E R T I F I C A T E

TÜVNORD/15085/CL1/013/01/8

Report no. / Manufacturer no. / Validity notice: 8121317922 / TN3000 / 2023-04-01 - 2026-03-31

Welding of railway vehicles and components according to EN 15085-2:2020

TÜV NORD Systems GmbH & Co. KG hereby certifies that the welding company

OLEO International
(a division of T.A. Savery & Co Ltd)
Grovelands, Longford Road, Exhall
CV7 9NE Coventry
United Kingdom

the requirements of the TNS-EN15085 certification scheme
for the scope

EN 15085-2:2020 classification level CL1
in the type of activity D, P

fulfilled to the extent specified in the appendix.

Lead auditor:
Dipl.-Ing. (FH) ROHARDT

Hamburg, 2023-03-28

signed on original

certification body, Dipl.-Ing. HOFFMANN

Scope of the certificate

TÜVNORD/15085/CL1/013/01/8

Report no. / Manufacturer no. / Validity notice: 8121317922 / TN3000 / 2023-04-01 - 2026-03-31

Scope:

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions | Remarks |
|--|--|---------------------------------|----------------------------|
| 135 | 1 | t = 3 - 16 mm D ≥ 52 mm | BW, fully mechanized |
| | 1/11.1 | t = 3 - 8 mm D ≥ 75 mm | BW, fully mechanized |
| | 1.1/3.1 | t = 3 - 20 mm D = 10 - 40 mm | FW |
| | 1.2 | t = 3 - 20 mm | FW |
| | 1.2, 1.2 | t = 4 - 40 mm D ≥ 102 mm | BW |
| | 1.2, 1.2 | t = 10 - 40 mm D ≥ 150 mm | FW |
| | 1.2 | t = 3 - 12 mm D ≥ 76 mm | BW, fully mechanized |
| | 1.2 | t = 3 - 25 mm D ≥ 10 mm | FW |
| | 1.2 | t = 3 - 50 mm D ≥ 70 mm | FW |
| | 1.2 | t = 3 - 80 mm D ≥ 110 mm | BW, fully mechanized |
| | 1.2 | t ≥ 5 mm D ≥ 150 mm | FW |
| | 1.2/1.3 | t = 3 - 22 mm | FW |
| | 1.2/3.1 | t = 3 - 35 mm D ≥ 117 mm | BW |
| | 1.2/3.1 | t = 3 - 35 mm D ≥ 117 mm | FW |
| | 1.2/3.1 | t = 10 - 58 mm D ≥ 101 mm | BW, fully mechanized |
| | 1.3 | t = 10 - 50 mm D ≥ 70 mm | BW, fully mechanized |
| | 1.3 | t = 10 - 160 mm D ≥ 70 mm | BW, fully mechanized |
| | 1.3 | t = 3 - 22 mm D ≥ 90 mm | BW, fully mechanized |
| | 1.3 | t = 3 - 60 mm D ≥ 80 mm | BW, fully mechanized |
| | 1.3/3.2 | t = 3 - 36 mm D ≥ 59 mm | BW, fully mechanized |
| | 1.3/5.1 | t = 3 - 56 mm D ≥ 63.5 mm | BW, fully mechanized |
| | 11.1/3.1 | t = 4 - 15 mm D ≥ 110 mm | FW, fully mechanized |
| | 11.2/1.3 | t = 9 - 36 mm D ≥ 75 mm | BW, fully mechanized |
| | 3.2 | t = 8 - 32 mm D ≥ 60 mm | BW, fully mechanized |
| | 3.2 | t = 9 - 36 mm D ≥ 59 mm | BW, fully mechanized |
| | 5.1/1.2 | t = 8 - 33 mm D ≥ 90 mm | BW, fully mechanized |
| | 141 | 1.1/3.1 | t = 3 - 35 mm D ≥ 10 mm |

Scope of the certificate

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions | Remarks |
|--|--|----------------------------------|---------|
| 141 | 1.3 | t = 3 - 34 mm D \geq 10 mm | FW |
| 141/135 | 1.1/5.1 | t = 9 - 40 mm D \geq 12 mm | BW |
| | 1.2 | t = 3 - 24 mm D \geq 150 mm | BW |
| | 1.2 | t = 3 - 30 mm | FW |

Area of Application:

- New build of components for railway vehicles

Responsible welding coordinator(s):**1st deputy(ies) of the responsible welding coordinator(s):****Others deputies:****Remarks:**

The welding coordinators are authorised, within the scope of this certificate, to test welders/operators in accordance with the relevant standards.