

Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.: 01 240 RO/A-20 0063

Name and address of the
certificate holder: **ASTRA RAIL INDUSTRIES S.A.**
a GREENBRIER Europe Company
Str. Dunării, nr.3
220160 Drobeta-Turnu Severin
Romania

It is hereby certified that the manufacturer has furnished
proof of the quality requirements according to the test basis.
The mentioned company:

- operates a quality system which ensures that the
manufacture and inspection of the products stated in our
report, are in compliance with applicable technical
standards and regulations;
- employs qualified supervisory and inspection personnel;
- has qualified welding processes and welding personnel;
- has adequate facilities permitting manufacture and inspection of
welded products.

Test basis: **EN ISO 3834-2**


Audit report no.: 01 240 RO/A-23 0037

Scope: **The scope of the inspection and other relevant data are
given in the annex to the certificate.**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2026-03-31.**

Cologne, 2023-03-17


Dipl.-Ing. Achim Makowka
Certification Body for welding manufacturers



TUV Rheinland Industrie Service GmbH
Certification Body for welding manufacturers
Am Grauen Stein, D-51105 Cologne

M-012-Rev 24

Annex

to the certificate according to ISO 3834

Certificate no.: 01 240 RO/A-20 0063

Name and address of the manufacturer: ASTRA RAIL INDUSTRIES S.A.
a GREENBRIER Europe Company
Str. Dunarii, Nr. 3
220160, Drobeta-Turnu Severin, Romania

Specifications: EN ISO 3834-2

Scope of production: Manufacturing of
- Railway vehicles or parts for railway vehicles

Welding process acc. EN ISO 4063: 111; 121; 135; 136; 138; 141; 142; 24

Material group acc. CEN ISO/TR 15608: 1; 2; 3; 5; 7; 8; 11 and X120Mn12

Responsible welding coordinator acc. EN ISO 14731: Mr. Dipl. Ing. Iulica Carapencea; Level C (IWE/IIW)

Substitute: Mrs. Dipl.-Ing. Amalia Melcea; Level C (IWE/IIW)

Remarks: This annex is only valid in combination with the ISO 3834 certificate and does not replace the supporting documents required under the scope of regulated by law.

Cologne, March 17, 2023

Explanations:
B - basic technical knowledge, S - special technical knowledge, C - comprehensive technical knowledge according to ISO 14731

TÜV Rheinland Industrie Service GmbH
Certification body for welding manufacturers
Am Grauen Stein, D-51105 Köln

M-012-E-Cert Annex-3834-Rev25