

Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.:

01 220 RO/A-20 0063

Name and address of the
manufacturer:

ASTRA RAIL INDUSTRIES S.A.
a GREENBRIER Europe Company
Str. Dunării, nr.3
220160, Drobeta-Turnu Severin România

It is hereby certified that the manufacturer has furnished
proof of the comprehensive 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.

Specifications:

EN ISO 3834-2

Scope:

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

Manufacturing Plant:

ASTRA RAIL INDUSTRIES S.A.
a GREENBRIER Europe Company
Str. Dunării, nr.3
220160, Drobeta-Turnu Severin România

Test Report no.:

01 220 RO/A-20 0063

Valid until:

March 31, 2023

Cologne, May 06, 2020


i.A. Eng. Achim Makowka
Certification Body for Manufacturer Qualification



TÜV Rheinland Industrie Service GmbH
Certification Body for Manufacturer Qualification
Am Grauen Stein, D-51105 Köln

M-012-E-Zert-3834-2-Rev-224

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Annex

to the certificate according to ISO 3834

Certificate no.: 01 220 RO/A-20 0063

Name and address of the
manufacturer:

ASTRA RAIL INDUSTRIES S.A.
a GREENBRIER Europe Company
Str. Dunării, nr.3
220160, Drobeta-Turnu Severin

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; 141; 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. Iulică Carapencea; Level C (IWE/IW)

Substitute:

Mr. Mirea Marian Cristian; Level B

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, June 18, 2021

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-D012-E-Cert Annex-3834-Rev25

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