



Quality Management System Approval

Number: 1304/4/SD/2018/RST/EN/41

Project file: C20161917

In accordance with the Directive 2008/57/EC from 17. June 2008 of the interoperability of the rail system within the Community, as amended by Directive 2009/131/EC, from 16. October 2009, as amended by Directive 2011/18/EU, from 1. March 2011, as amended by Directive 2013/9/EU, from 11. March 2013, amended by Directive 2014/38/EU from 10. March 2014 and by Directive 2014/106/EU, from 5. December 2014 we issue this Quality Management System Approval for

Part of subsystem: **Screw coupler 850 kN**, Drawing number: Ž01.001.01
Draw Hook, type A, Drawing number: Ž01.002.01
Draw Hook, type B, Drawing number: Ž01.002.02

Manufacturer: **MING d.o.o.**
Ulica Dvadesetdrugog Oktobra 7/I
RS-11080 Zemun, Serbia

Place of manufacture: **MING d.o.o.**
Bulevar 12 februar bb
RS-18000 Niš, Serbia

Assessment requirements: Commission Regulation (EU) No 321/2013 (13 March 2013), amended by Commission Regulation (EU) No 1236/2013 (2 December 2013) and Commission Regulation (EU) No 924/2015 (8 June 2015).
Commission Decision (EU) No 2010/713/EU (9 November 2010)

Module applied: SD

Audit report: R-0039/18 from 2018-11-28

Notified body: SIQ Ljubljana
Tržaška cesta 2, SI-1000 Ljubljana, Slovenia

Identification number: **1304**

The Quality Management System of the aforementioned Manufacturer has been audited and was shown to comply with the Assessment Requirements. The assessment results are provided in detail within the audit report.

The Essential Requirements have been assessed as being met through compliance with the requirements of the relevant TSI only.

The validity of this certificate is subject to the continued maintenance of the Quality Management System in accordance with the requirements of the above Directives as monitored through regular and unannounced surveillance. The certificate is valid until 2020-11-29 for as long as the object of Assessment, the Quality Management system and the relevant technical documentation are not modified. The NoBo must be informed about any modifications without delay.

This certificate has an annex.

The certificate 1304/4/SD/2018/RST/EN/41 supersedes 1304/4/SD/2016/RST/EN/23 due regular audit, performed at manufacturer.

Date: 2018-11-29

Authorized signature:


Zoran Svetik

Only integral publication of this certificate is allowed. This certificate may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the certificate.

Annex to Quality Management System Approval

Number: 1304/4/SD/2018/RST/EN/41

1. Applicant:

MING d.o.o.
Ulica Dvadesetdrugog Oktobra 7/I
RS-11080 Zemun, Serbia

2. Manufacturer

MING d.o.o.
Bulevar 12 februar bb
RS-18000 Niš, Serbia

3. Production location:

MING d.o.o.
Bulevar 12 februar bb
RS-18000 Niš, Serbia

4. Description of part of subsystem

The certificate is valid for the design, ratings and operational parameters which are described in the following table:

Part of the subsystem:	Screw coupler 850 kN,
Type:	850 kN
Maximum weight	36 kg
Maximum load	850 kN
Minimum length	750 ± 10 mm
Maximum length	986+10/-5 mm
Screw coupler drawing:	Ž01.001.01(dated: 2009-10-14)

Part of the subsystem:	Draw Hook	
	Conventional for freight wagon	
Type:	type A	type B
Material:	42CrMo4	
Minimum weight	20.9 kg	27,5 kg
Draw Hook, type A drawing:	Ž01.002.01 (dated: 2009-09-03)	Ž01.002.02 (dated: 2009-09-03)

See audit report R-0039/18 from 2018-11-28.

Annex to Quality Management System Approval

Number: 1304/4/SD/2018/RST/EN/41

5. List of Approvals and other Certificates:

- ISO 9001:2015, Certificate Registration No. 12 100 20419 TMS, issued 2018-05-11 and valid until 2019-04-25 for Design, production and distribution of metal parts for railway vehicles and trading in the area of ferrous metals.
Certification body TÜV SÜD Management Service GmbH
- EC - Intermediate Statement of Verification: 1304/8/SB/2016/RST/EN/22 (dated: 2016-11-28)

6. List of applied technical specifications and standards

- Commission Regulation (EU) No 321/2013 (13 March 2013) concerning the technical specification for interoperability relating to the subsystem 'rolling stock - freight wagons' of the rail system in the European Union, amended by Commission Regulation (EU) No 1236/2013 (2 December 2013) and Commission Regulation (EU) No 924/2015 (8 June 2015).
Clauses: 6.2.1. (Module SD)
- Commission decision 2010/713/EU of 9 November 2010 on modules for the procedures for assessment of conformity, suitability for use and EC verification to be used in the technical specifications for interoperability adopted under Directive 2008/57/EC of the European Parliament and of the Council.

7. Technical file

Technical file is assembled and stored under the number TD-0020/16.

- Dimensional drawings
- Material characteristics
- Final control results
- Relevant management system documents
- Heat treatment report
- Calibration reports
- Process FMEA sheet - Traverse 390
- Type test report according to EN 15566:2009 + A1:2010

Valid from: 2018-11-29

Date of issue: 2016-11-29

Valid until: 2020-11-29

Responsible for Rolling Stock subsystem

Miha Otrin, PhD

