



EC - Intermediate Statement of Verification

Number: 1304/8/SB/2016/RST/EN/22

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 EC- Type Examination Certificate for

Part of subsystem: **Component for Draw Gear:**

- Screw coupler 850 kN
- Draw Hook, type A
- Draw Hook, type B

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: SB

Assessment report: R-0020/16 from 2016-11-22

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

Identification number: **1304**

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

The certificate has unlimited validity for as long as the assessed part of subsystem and the relevant technical documentation are not modified. The Notified Body must be informed about any modifications without delay.

This certificate has an annex.

Date: 2016-11-28

Authorized signature: Igor Likar

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.

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Annex to EC - Intermediate Statement of Verification

Number: 1304/8/SB/2016/RST/EN/22

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 subsystem:	Component for Draw Gear	
	Screw coupler 850 kN	Draw Hook, type A Draw Hook, type B
Material:	Different steels	42CrMo4
Thermo-mechanical properties	- INSTYTUT KOLEJNICTWA Warsaw, Poland Material test of screw coupler IK.LKB43.B77/13.1 January, 2014 - INSTYTUT KOLEJNICTWA Warsaw, Poland Resistance test of screw coupler IK.LKB43.B77/13 December,2013 - INSTYTUT KOLEJNICTWA Warsaw, Poland Test of splice bar of the 850kN coupling IK.LKB43.B78/13 December,2013	- INSTYTUT KOLEJNICTWA Warsaw, Poland Material test of hook IK.LKB43.B79/13.1 January, 2014 - INSTYTUT KOLEJNICTWA Warsaw, Poland Resistance test of hook IK.LKB43.B79/13 December,2013
Screw coupler drawing:	Ž01.001.01 (dated: 2009-10-14)	
Draw Hook, type A drawing:	Ž01.002.01 (dated: 2009-09-03)	
Draw Hook, type A drawing:	Ž01.002.02 (dated: 2009-09-03)	

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5. List of Approvals and other Certificates:

- ISO 9001:2008, number QO1531177, issued 2015-08-14 and valid until May 2018
Certification body TÜV SÜD
Design, manufacture, maintenance and modernization of railway freight wagons, containers as well as their components

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 SB)
- 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
- EN 15556:2009 + A1:2010.

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: 2016-11-28

Date of issue: 2016-11-28

Valid until: /

Responsible for Rolling Stock subsystem

Miha Otrin, PhD

