

NOBO FILE

According to RFU-STR-011 version 11 of 02/03/2021

SUBSYSTEM ROLLING STOCK

SGGMRS 90' WAGON

CERTIFICATE N° 2593/1/SB/2022/RST/FR/9875-0100/V01

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Checked by: Henri Lagneau

Project number: EC_9875


Customer: VAKO

LIST OF SUCCESSIVE VERSIONS

Version	Date	Change	Reason for Change
1	25/01/2022	/	First Issue

The most recent version supersedes the previous version(s).

VALIDATION

	Signature
Name: Jean-François Position: Project Manager	

People who have written and checked this report (listed on the cover) approved it using secure electronic authorization, with CERTIFER's EDM software keeping a trace of it.

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0 ATTACHED DOCUMENTS

PJ1.	Assessment Plan: DP_4254_0001_1
PJ2.	Assessment Report : EC_9875_0005_1
PJ3.	Clause by clause Workbook TSI-WAG 2019: EC9875_0003_03
PJ4.	Clause by Clause Workbook TSI-NOI 2019: EC9875_0004_01

1 ACTORS

1.1 NOTIFIED BODY

NoBo Company	CERTIFER SA
Postal adress	18 Rue Edmond Membrée CS40141 59308 VALENCIENNES CEDEX FRANCE
NoBo ID nr	2593

1.2 APPLICANT

Applicant	VA-KO
Postal adress	Fatih Sultan Mah. 2368 Sok. No:6 Çamlıkpark , Etimesgut / Ankara - TURKEY

1.3 MANUFACTURER(S) AND SIGNIFICANT SUBCONTRACTOR(S)

Manufacturer	VA-KO
Postal adress	Fatih Sultan Mah. 2368 Sok. No:6 Çamlıkpark , Etimesgut / Ankara - TURKEY

2 NOTIFIED BODY CERTIFICATE(S)

EC type Examination Certificate :

2593/1/SB/2022/RST/EN/9875-0100 V1

Quality Management System Approval: **2593/4/SD/2022/RST/EN/9875-0101 V1**

Certificate of Verification **2593/6/SD/2022/RST/EN/9875-0102 V1**

3 CONDITIONS AND LIMITS OF USE

the wagon is technically compliant to:

- CORE TSI
- the clause 7.1.2. Mutual recognition of the first authorisation of placing on the market
- the Appendix C totally [GE wagon].

4 PROJECT SCOPE

4.1 GENERAL PROJECT DESCRIPTION

4.1.1 GENERAL CHARACTERISTICS OF THE WAGON

4.2 LEGAL SCOPE AND PROJECT HISTORY

4.2.1 LEGAL SCOPE

- Directive (EU) 2016/797 of 11 May 2016 concerning the interoperability of the rail system within the Community as amended
- COMMISSION REGULATION (EU) No 321/2013 of 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, repealing Decision 2006/861/EC and Amended by Commission Implementing Regulation (EU) 2019/776 of 16 May 2019
- COMMISSION REGULATION (EU) No 1304/2014 of 26 November 2014 on the technical specification for interoperability relating to the subsystem 'rolling stock — noise' amending Decision 2008/232/EC, repealing Decision 2011/229/EU and Amended by Commission Implementing Regulation (EU) 2019/774 of 16 May 2019
- COMMISSION IMPLEMENTING REGULATION (EU) 2018/545 of 4 April 2018 establishing practical arrangements for the railway vehicle authorisation and railway vehicle type authorisation process pursuant to Directive (EU) 2016/797 of the European Parliament and of the Council
- Regulation (UE) 2020/387 of the commission of the 9 March 2020 modifying the Regulation (UE) no 321/2013 concerning extension of the area of uses and transition phases
- Technical document 000MRA1044 of ERA version 1.1

4.2.2 PROJECT HISTORY

The assessment was carried out according to the SB+SD modules of the TSI (EC-Type Examination and EC verification based on quality management system of the production process) according to the assessment plan referenced DP_4254_0001_1 of 25/06/2021.

4.3 TECHNICAL SCOPE AND INTERFACES

The examined file corresponds to a Sggmrs 90' wagon.

4.4 NON-APPLICATION OF TSIs

NA

4.5 LIST OF SPECIFIC CASES

NA

4.6 LIST OF SPECIFIC ENVIRONMENTAL CONDITIONS

Temperature class: T1

5 PROJECT DOCUMENTATION PROVIDED BY THE APPLICANT

5.1 EVIDENCE DOCUMENTS

The assessed documents are listed in the “Documents” tabs of EC_9875_0003_03 and EC_9875_0004_01.

5.2 INTEROPERABILITY CONSTITUENTS

The IC related EC Declarations and their supporting documents (e.g. IC NoBo certificates, NoBo files, reports) which were supplied by the applicant to Certifer are listed in the “CI” tab of EC_9875_0003_03.

Constituent	Declaration	Certificate Doc. No.	Nobo Certificates No.	Nobo file	Date of validity
AXLE	301 EC Declaration Axle	301_1 TSI Certificate BA002 Axle	1358/4/CD/2021/RST/EN/718/V01		09/04/2023
WHEEL	302_2 EC declaration of conformity Wheel	302_1 BA004 wheel EC certificate	1358/4/CD/2020/RST/EN/722/V01	2019/TSI/CB-CD/BA004 W Version 5.0	07/01/2023
WHEEL SET	303_1 EC Declaration of Wheelset	303 TSI Certificate BA004 Wheelset	1358/4/CD/2021/RST/EN/942/V01		28/10/2023
Running gear (BOGIE)	361 EC Declaration of Y25Lsdi(f)-KC1 Bogie	360_2 Module CH1 Quality Management system approval	2593/4/CH1/2022/RST/EN/9932-0100/V01		24/12/2023

		Vako Y25Lsdi(f)- KC1 Bogie			
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5.3 SUBSYSTEM CLDs FROM OTHER NOBOS

NA

5.4 DETAILED CONFORMITY ASSESSMENT REQUIREMENTS

The detailed conformity assessment is detailed in clause by clause workbooks EC_9875_0003_03 and EC_9875_0004_01.

6 EC CONFORMITY ASSESSMENT PROCESS INFORMATION AND RESULTS PROVIDED BY THE NOBO

The assessment was carried out according to the SB module of the STI.

The CERTIFER assessment report and the results of compliance with the "freight wagon" and "noise" TSIs are recorded in report EC_9875_0005_1.

The assessment is documented in workbooks EC_9875_0003_3 and EC_9875_0004_01.

The design examination does not show any deviation from the TSI "freight wagons". The wagon is compliant with:

- the general requirements of the TSI,
- the requirements of Annex C allowing a "TEN-GE" marking,
- in § 7.1.2 - Mutual recognition of the first authorization for putting into service,

The demonstration was carried out for the 1435 mm track gauge.

The design examination also concludes compliance with the Noise TSI.