

COMPLETED VEHICLES
EC CERTIFICATE OF CONFORMITY

Side 1

The undersigned **Lucian Barbu – Logistic Manager**
hereby certifies that the vehicle:

- 0.1. Make (Trade name of manufacturer):
MAN-GRD
- 0.2. Type: **L.2018.858.010**
Variant (a): **38D01ZAAABY2DAS**
Version (a): **G0ACDW31**
- 0.3. Commercial name: **TGM**
- 0.4. Type-approval information of the base vehicle
0.4.1. Type: **L.2018.858.010**
Variant: **38D01ZAAABY2DA**
Version: **G0ACD**
- Type-approval number, including extension number: **e1*2018/858*00082*07**
- 0.5. Identifiers (1): N/A
- 0.6. 3.1 Interpolation family's identifier: NA
- 0.7. 3.2 ATCT family's identifier: NA
- 0.8. 3.4 Roadload family's identifier: NA
- 0.9. 3.5 Roadload Matrix family's identifier (if applicable): NA
- 0.10. 3.6 Periodic regeneration family's identifier: NA
- 0.11. 3.7 Evaporative test family's identifier: NA
- 0.12. Vehicle category: N3G
- 0.13. Company name and address of manufacturer:
GRADINARIU IMPORT EXPORT SRL
Chiciurei Street, No.47, Sector 3
031872 Bucharest, Romania
- 0.14. 1. Name and address of the manufacturer of the base vehicle:
MAN Truck&Bus SE, Dachauer Straße 667
D-80995 München, Germany
- 0.15. Location and method of attachment of the statutory plates:
On the B-pillar of the passenger's side
- 0.16. Location of the vehicle identification number:
on the chassis, front right wheel
- 0.17. Name and address of the manufacturer's representative (if any): N/A
- 0.18. Vehicle identification number: **WMA38DZZ4RP249794**
- 0.19. Date of manufacture of the vehicle: **12.11.2025**

(a) has been completed and altered (1) as follows: change of vehicle category N3G (type BX) to N3G (type SG) and
(b) conforms to the type described in approval **e9*2018/858*11439*04** issued on **11.03.2024** and
(c) can be permanently registered in Member States having right/left (b) hand traffic and using metric/imperial (c) units for the speedometer (d).

BU URESTI (RO):12.11.2025

(Signature):


Attachments: Certificate of conformity delivered at each previous stage.

Side 2

General construction characteristics

1.	Number of axles:	2	and wheels	6
1.1.	Number and position of axles with twin wheels:	1	rear axle	2
2.	Steered axles (number, position):	1	axle	1
3.	Powered axles (number, position, interconnection):	2	axle	2/2
Main dimensions				
4.	Wheelbase:			4500 mm
4.1.	Axle spacing: 1-2:			4500 mm
5.	Length:			8200 mm
6.	Width:			2500 mm
7.	Height:			3398 mm
9.	Distance between the front end of the vehicle and the centre of the coupling device:			N/A
12.	Rear overhang:			2244 mm
Masses				
13.	Mass in running order:			11685kg
13.1.	Distribution of this mass	axle 1		5340 kg
	amongst the axles:	axle 2		6345 kg
13.2.	Actual mass of the vehicle			11685 kg
16.	Technically permissible maximum masses			
16.1.	Technically permissible maximum laden mass:			18000 kg
16.2.	Technically permissible mass	axle 1		7500 kg
	on each axle:	axle 2		11500 kg
16.3.	Technically permissible mass on each axle group:			N/A
16.4.	Technically permissible maximum mass of the combination:			28000 kg
17.	Intended registration/in service maximum permissible masses in national/ international traffic			28000 kg
17.1.	Intended registration/in service maximum permissible laden mass:			18000 kg
17.2.	Intended registration/in service maximum permissible laden mass on each axle:	axle 1		7500 kg
		axle 2		11500 kg
17.3.	Intended registration/in service maximum permissible laden mass on each axle group:			N/A
17.4.	Intended registration/in service maximum permissible mass of the combination:			N/A
18.	Technically permissible maximum towable mass in case of:			
18.1.	Drawbar trailer:			16845

18.3.	Centre-axle trailer with brake system/with overrun brake system:	16000/3500
18.4.	Unbraked trailer:	1500
19.	Technically permissible maximum static mass at the coupling point:	1000
Power plant		
20.	Manufacturer of the engine:	MAN
21.	Engine code as marked on the engine:	D0836LFLBI
22.	Working principle:	compression ignition/4-Stroke
23.	Pure electric:	yes/no
23.1.	Hybrid [electric] vehicle: yes/no	yes/no
24.	Number and arrangement of cylinders:	6, in line
25.	Engine capacity:	6871 cm ³
26.	Fuel: Diesel/petrol/LPG/CNG- Biomethane/LNG/Ethanol/Biodiesel/Hydrogen	Diesel
26.1.	Mono fuel/Bi fuel/Flex fuel/Dual-fuel (1) ² :	Mono fuel
26.2.	(Dual-fuel only) Type 1A/Type 1B/Type 2A/Type 2B/Type 3B	N/A
27.	Maximum power:	
27.1.	Maximum net power (internal combustion engine) :	235 kW at 2200 min ⁻¹
27.2.	Maximum hourly output:	N/A
27.3.	Maximum net power (electric motor):	N/A
27.4.	Maximum 30 minutes power (electric motor):	N/A
28.	Gearbox (type):	Automatic
Maximum speed		
29.	Maximum speed:	100 km/h
Axles and suspension		
30.	Axle(s) track:	1 1989 mm 2 1804 mm
33.	Drive axle(s) fitted with air suspension or equivalent: yes/no	no
35.	Tyre/wheel combination:	axle 1 315/80 R22.5 156-K; 9x22.5 axle 2 315/80 R22.5 -/150K; 9x22.5
Brakes		
36.	Trailer brake connections mechanical/electric/pneumatic/hydraulic	Pneumatic
37.	Pressure in feed line for trailer braking system:	N/A
Bodywork		
38.	Code for bodywork:	SG 31
41.	Number and configuration of doors:	4
42.	Number of seating positions (including the driver) (k):	6
Coupling device		
44.	Approval number or approval mark of coupling device (if fitted):	E11 55R-016292

45.1.	Characteristics values (1):	D: 104kN	V: 40kN	S:1000kg	U: -
Environmental performances					
46.	Sound level				
	Stationary:	90	dB(A)	at engine speed:	1650 min ⁻¹
	Drive-by:	78	dB(A)		
47.	Exhaust emission level (1):				Euro VI E
48.	Exhaust emissions (m): Number of the base regulatory act and latest amending regulatory act applicable:				595/2009 2019/1939 E
1.1. test procedure: Type I or ESC					
CO: ---		HC: ---		NO _x : ---	HC + NO _x : ---
Particulates (mass): ---		Smoke opacity (ELR):---			
1.2. test procedure: Type I (Euro 5 or 6) or WHSC (EURO VI)					
CO: 6.4 mg /kWh		THC: 2.37 mg /kWh		NMHC: ---	
NO _x : 211.85 mg /kWh		THC + NO _x : ---		NH ₃ :1.77 ppm	
Particulates (mass): 2.08 mg /kWh		Particles (number):1.09E+11#/kWh			
2.1. test procedure: ETC (if applicable)					
CO: ---		NO _x : ---		NMHC: ---	
THC: ---		CH 4 : ---		Particulates: ---	
2.2. test procedure: WHTC (EURO VI)					
CO: 24.25 mg /kWh		NO _x :376.41 mg /kWh		NMHC: ---	
THC: 4.38 mg /kWh		CH ₄ : ---		NH ₃ :1.23 ppm	
Particulates (mass): 2.07 mg /kWh		Particles (number):0.64E+11/kWh			
48.1.	Smoke corrected absorption coefficient:	0.51 M ⁻¹			
49.5	Specific CO2 Emissions	GCO2/TKM			
49.6	Average payload value	T			
Miscellaneous					
51.	For special purpose vehicles: designation in accordance with Annex II Section 5:	N/A			
52.	Remarks : N/A				