Otokar

EC CERTIFICATE OF CONFORMITY

(Complete Vehicles)

The undersigned: **Ercan Zenit - Mechanical Engineer**
hereby certifies that the vehicle

0.1.	Make	**Otokar**
0.2.	Type	FX16SR2BX
.	*Variants*	B2C1C1
.	*Version*	V4JA7RAB11
0.2.1.	Commercial name(s)	Navigo
0.4.	Vehicle category	M3
0.5.	Company name and address of manufacturer	Otokar Otomotiv ve Savunma Sanayi A.Ş. Aydınevler Mah.Dumlupınar Cad. No:58 A Blok 34845 Küçükyalı / İstanbul / Turkey
0.6.	Location and method of attachment of statutory plates	to the left of front service door
	Location of vehicle identification number	VIN number is stamped on the right hand column chassis, at the front of rear axle
0.9.	Name and address of the manufacturer's representative (if any)	OTOKAR Europe SAS24-26,rue du Noyer - BP 41,Parc Les Scientifiques de Roissy - Lot A-3,95700 ROISSY EN FRANCE France
0.10.	Vehicle identification number:	**NLRTMF100FA017743**

conforms in all respects to the type described in approval **e2*2007/46*0136*08** issued on **12.05.2015** and can be permanently registered in Member States having right hand traffic and using metric units for the speedometer

Arifiye,SAKARYA
15.06.2015

Signature

General Construction Characteristics

1.	Number of axles and wheels:	2 axle, 6 wheels
1.1.	Number and position of axles with twin wheels:	1, rear axle
2.	Steered axles (number, position):	1, front axle
3.	Powered axles (number, position, interconnection):	1, rear axle

Main Dimensions

4.	Wheelbase : (mm)	3866
4.1.	Axle spacing: (mm)	
5.	Length: (mm)	7721
6.	Width: (mm)	2265
7.	Height: (mm)	3275
9.	Distance between the front end of the vehicle and the centre of the coupling device: (mm)	-
12.	Rear overhang: (mm)	2215

Masses

13.	Mass in running order (kg)		6700
13.1.	Distribution of this mass amongst axles: (kg)	1.Axle	3100
		2.Axle	3600
13.2.	Actual mass of the vehicle (kg)		

Technically permissible maximum masses ;

16.1.	Technically permissible maximum laden mass: (kg)		10500
16.2.	Technically permissible mass on each axle: (kg)	1.Axle	4000
		2.Axle	6500
16.3.	Technically permissible mass on each axle group: (kg)		-
16.4.	Technically permissible maximum mass of the combination: (kg)		13250

Intended registration/in service maximum permissible masses in national/international traffic

17.1..	Intended registration/in service maximum permissible laden mass: (kg)		10500
17.2.	Intended registration/in service maximum permissible laden mass on each axle: (kg)	1.Axle	4000
		2.Axle	6500
17.3..	Intended registration/in service maximum permissible laden mass on each axle group: (kg)		-
17.4.	Intended registration/in service maximum permissible mass of the combination: (kg)		13250

Technically permissible maximum towable mass in case of:

18.1.	Drawbar trailer: (kg)	2750
18.3.	Centre-axle trailer: (kg)	2750
18.4.	Unbraked trailer: (kg)	-
19.	Technically permissible maximum static vertical mass at the coupling point: (kg)	124

Power Plant

20.	Manufacturer of the engine:	Cummins
21.	Engine code as marked on the engine:	ISB4.5E6 180B
22.	Working principle:	Compression ignition, four stroke
23.	Pure electric:	no
23.1.	Hybrid [electric] vehicle:	no
24.	Number and arrangement of cylinders:	4, in-line
25	Engine capacity: (cm ^{3})	4500
26	Fuel:	Diesel
26.1	Mono fuel/Bi fuel/Flex fuel	Mono Fuel
27	Maximum net power (kW)	129 kW at 2300 min-1
28	Gearbox (type):	6 forward, 1 reverse manual

Maximum Speed

29.	Maximum speed:	100 km/h (limited by speed limiter)

Axles and Suspension

30.1.	Track of each steered axle: (mm)	1963
30.2.	Track of all other axles: (mm)	1696
32.	Position of loadable axle(s):	-
33.	Drive axle(s) fitted with air suspension or equivalent:	No
35.	Tyre/wheel combination :	235/75 R17.5

Brakes

36.	Trailer brake connections mechanical/electric/pneumatic/hydraulic	-
37.	Pressure in feed line for trailer braking system: (bar)	-

Bodywork

38.	Code for bodywork :	CA
39.	Class of vehicle: Class I/Class II/Class III/Class A/Class B	Class II
41.	Number and configuration of doors:	3, right (front/middle/rear)
42.	Number of seating positions (including the driver) :	34
42.1.	Seat(s) designated for use only when the vehicle is stationary:	-
42.2.	Number of passenger seating positions:	33
42.3.	Number of wheelchair user accessible position:	-
43.	Number of standing places:	6

Coupling Device

44.	Approval number or approval mark of coupling device (if fitted):	e4*94/20*0002*02
45.1.	Characteristics values (1): D: .../ V: .../ S: .../ U: ...	A 50X, D- value : 22.7 kN S: 150 kg

Environmental Performances

46.	Sound level	Stationary:	84 dB(A) 1725 min-1
		Drive-by:	76 dB
47	Exhaust emission level (l):		Euro VI / A

Number of the base regulatory act and latest amending regulatory act applicable: 64/2012 A

48 Emission

	CO mg/KWh	HC mg/KWh	THC mg/KWh	NOx mg/KWh	NMHC mg/KWh	CH_4 mg/KWh	HC+NO mg/KWh	THC+NOx mg/KWh	NH_3 ppm	Par.(Mass mg/KWh)	Par.(Num) #/kWh	Smoke
ESC												
WHSC	29.7		14.4	171.2	-			185.6	0.1	0.8	2.2E+10	
ETC												
WHTC	36.1		13.5	212.1	-	-			0.1	0.9	6.3E+10	

48.1.	Smoke corrected absorption coefficient (m $^{-1}$)	0,5

Miscellaneous

51.	For special purpose vehicles: designation in accordance with Annex II Section 5:	-

Remarks ;

52.	-