



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECHNOLOGIE UND PRÜFWESEN, A.G.
A.O. «ИНСТИТУТ ТЕХНОЛОГИИ РЕЗИНЫ И ИСПЫТАНИЙ»

Společnost je zapsána v obchodním rejstříku vedeném Krajským soudem v Brně, oddíl B, vložka 818



PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No:2/1
40200 Kirsehir
TURKEY

0 0 2 6 3 3

Zlín 13th June 2019

Re

Communication concerning the approval and notification of approval number

Enclosed you will find the Communication concerning the approval of your tyres according To ECE Regulation No. **54**

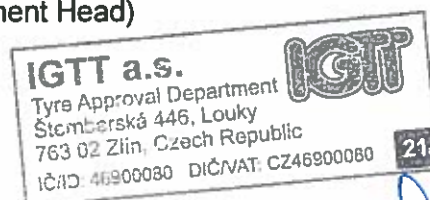
On the base of this approval you are entitled to produce in your factory tyres of the dimension :

365/85R20 PETLAS RM910 164J

with the approval number : **E8 002633**

Sincerely yours

On behalf of Mr.Petr Husták, Ph.D. (Tyre Approval Department Head)



Irena Navrátilová

Ministerstvo dopravy České republiky
Ministry of Transport of the Czech Republic
Nábřeží L. Svobody 12, CZ-110 15 Praha 1

OSVĚDČENÍ o : 1/

COMMUNICATION concerning : 1/



UDĚLENÍ HOMOLOGACE

~~ROZŠÍŘENÍ HOMOLOGACE~~
~~ZAMÍTNUTÍ HOMOLOGACE~~
~~ODEBRÁNÍ HOMOLOGACE~~
~~DEFINITIVNÍM UKONČENÍ VÝROBY~~

APPROVAL GRANTED

~~APPROVAL EXTENDED~~
~~APPROVAL REFUSED~~
~~APPROVAL WITHDRAWN~~
~~PRODUCTION DEFINITELY DISCONTINUED~~

Typu pneumatiky pro motorová vozidla podle Předpisu č. 54
Of a type of tyre for motor vehicles to Regulation No. 54

Homologace č.:

Approval No.: **0 0 2 6 3 3**

Rozšíření č.: -

Extension No.: **N/A**

- | | | | |
|--------|--|---|---|
| 1. | Název a adresa výrobce | : | PETLAS TIRE INDUSTRY |
| | Manufacturer's name and address | : | AND TRADE COMPANY |
| | | | Kindam Mah. |
| | | | Ankara-Kayseri Cad. No.2/1 |
| | | | 40200 Kirsehir, TURKEY |
| 2. | Označení typu pneumatiky | : | |
| | Tyre type designation | : | RM910 |
| 2.1. | Značka / obchodní značka | : | |
| | Brand name(s)/trademark(s) | : | PETLAS |
| 2.2. | Obchodní popis / obchodní jméno | : | |
| | Trade description(s)/ Commercial name(s) | : | - |
| 3. | Název a adresa zástupce výrobce | : | |
| | (je-li potřebné) | : | - |
| | If applicable, name and adress of | : | |
| | manufacturer's representative | : | N/A |
| 4. | Souhrnný popis | : | |
| | Sumarized description | : | |
| 4.1. | Označení rozměru pláště | : | |
| | Tyre size designation | : | 365/85R20 |
| 4.2. | Kategorie užití | : | normální / zimní / speciální / |
| | Category of use | : | normal/ snow / special / <u>1/</u> |
| 4.3. | Konstrukce | : | diagonální / radiální / |
| | Structure | : | diagonal / radial / <u>1/</u> |
| 4.4. | Třída pneumatiky | : | |
| | Tyre class | : | G2 / C3 <u>1/</u> |
| 4.5. | Kategorie rychlosti | : | |
| | Speed category symbol | : | |
| 4.5.1. | Nominální | : | |
| | Nominal | : | J |



- 4.5.2. Doplňková (je-li potřebné) :
Additional (if applicable) : -
- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži 164 ve dvojmontáži -
Corresponding to nominal speed : single twinned (dual)
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži - ve dvojmontáži -
Corresponding to additional speed : single twinned (dual)
5. Homologační zkušebna a případně IGTT a.s. - Rubber Technology and
zkušební laboratoř schválená pro Testing Institute
účely homologace nebo pro ověřování : Šternberská 446, Louky, 763 02 Zlín
shodnosti CZECH REPUBLIC
Technical service and where
applicable, test laboratory additional
approved purposes of approval or of
verification of conformity :
6. Datum protokolu, vydaného touto :
zkušebnou : 16.5.2019
Date of report issued by that service :
7. Číslo protokolu, vydaného touto :
zkušebnou : 19-00192-MBT-TR-00
Number of report issued by that service :
8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -
9. Poznámky :
Any remarks : Dodatečné označení POR, M+S
Additional markings POR, M+S
10. Místo : Praha
Place :
11. Datum : 13.6.2019
Date :
12. Podpis :
Signature : Petr H u s t á k
13. K osvědčení je přiložen seznam dokumentů obsažených v homologačních podkladech uložených u homologačního orgánu, který udělil homologaci, a které lze obdržet na vyžádání.
Annexed to this communication is a list of documents in the approval file deposited at the Approval Authority which has considered this approval and which can be obtained upon request.
Seznam dokumentů
List of documents
- výkresy bočnice a běhounu pláště, kótovaný výkres příčného řezu pláště
 - drawing of the tyre sidewalls and tread, dimensioned drawing of tyre cross – section



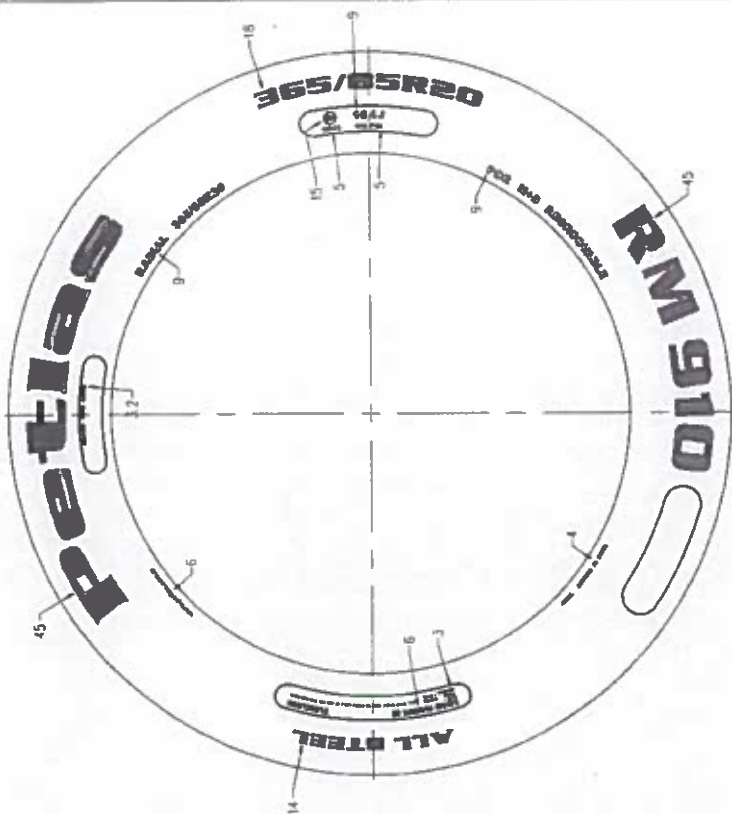
1/ Nehodící se škrtněte
Delete that which does not apply

E8 002633

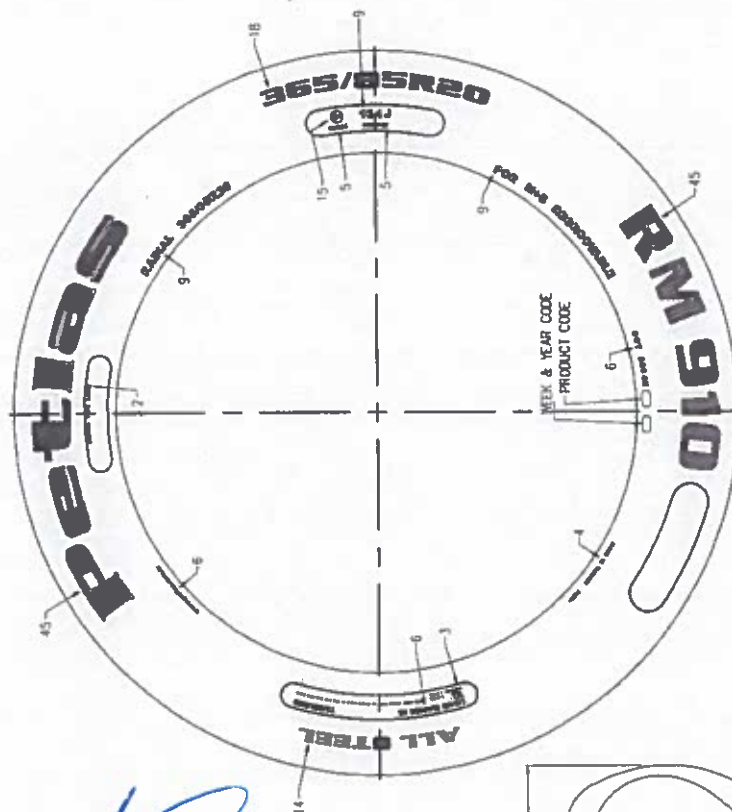
APPLICATION FOR APPROVAL ECE No. 54

4.1.1	Tyre-size designation	: 365/85 R20	
4.1.2	The manufacturer's name	: PETLAS TIRE INDUSTRY AND TRADE COMPANY	
4.1.2.1	The Brand name(s)/trademark(s)	: PETLAS	
4.1.2.2	The trade description(s)/commercial name(s)	: RM910	
4.1.3	Category of use (normal/special/snow)	: SPECIAL USE TYRE	
4.1.3.1	For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S	: YES	
4.1.4	Structure (diagonal(bias ply)/radial)	: RADIAL	
4.1.5	Speed category	: J	
4.1.6	The load-capacity indexes	: 164	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 364	mm
	Outer diameter	: 1128	mm
4.1.9	Factor X	: 0.70	
4.1.10	The rims on which the tyre can be mounted	: 10.0 10.00W	inch
4.1.11	The measuring rim and test rim	: 10.00	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 116	psi
4.1.13	The additional load/speed combinations	: N/A	

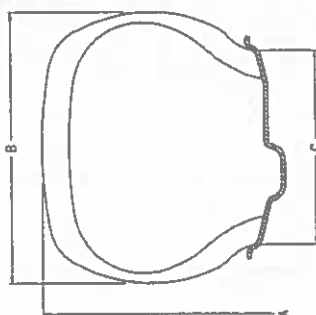




NON SERIAL SIDE

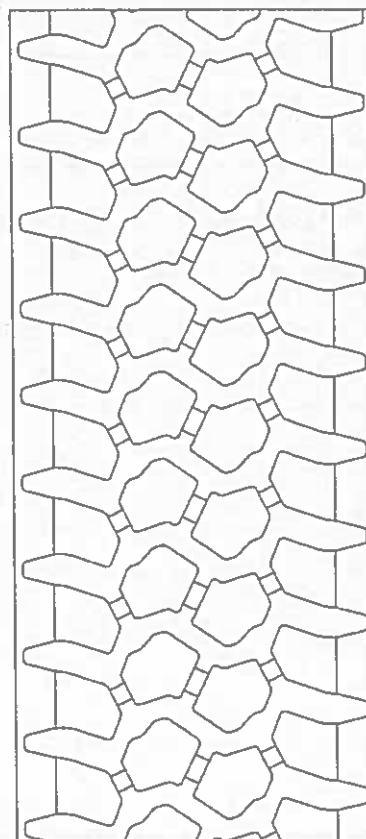


SERIAL SIDE



J	365/85R20	164	-	X	1128	364	10.0	002633	-
J	365/85R20	164	-	X	1128	364	10.0	002633	-
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)
HAZ SHRT (SPEED CAT.)	LASTIX EBAN (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)	TP (TYPE)

SRT DESAI (TREAD PATTERN) : RM010		RESIN NO. (DRAWING NO.) : PKT-13296		TARH (DATE) : 27.05.2019		KONTROL (CHECKED) : <i>[Signature]</i>	
SRT (TREAD) : 5 STEEL		RESIN NO. (DRAWING NO.) : PKT-13296		TARH (DATE) : 27.05.2019		KONTROL (CHECKED) : <i>[Signature]</i>	
YANAK (SIDEWALL) :		RESIN NO. (DRAWING NO.) : PKT-13296		TARH (DATE) : 27.05.2019		KONTROL (CHECKED) : <i>[Signature]</i>	



[Signature]

IGTT a.s.
homologace pneumatik
Šternberská 448, Louky
763 02 Zlín, Czech Republic
IČ/D: 46900089 DIČ/VAT: CZ46900080



Test Report Nr.: 19-00192-MBT-TR-00

Test Report: Pneumatic Tyres for Commercial Vehicles and their Trailers

Legislation

EC Directive 661/2009 as amended by 2016/1004
UNECE Regulation 54.00 to Supplement 23

Test Details

Location of Test: PETLAS TYRE INDUSTRY AND TRADE CO.
Kindam Mah. Ankara-Kayseri Cad. No: 2/1 TR-40200
KIRSEHIR/TURKEY
Sample entry date: 30 March 2019
Date of Test: Between 13 and 15 May 2019
Mobilité Representative(s): Onur Yavuz, Erdal Çınarcı
Manufacturer's Representative(s): Ekrem Turna, Ayhan Umucu
Reason for Test Report: New approval / ~~Extension of approval~~ / Test report only

Manufacturer Details

Name and Address: PETLAS TYRE INDUSTRY AND TRADE CO.
Kindam Mah. Ankara-Kayseri Cad. No: 2/1 TR-40200
KIRSEHIR/TURKEY
Type: 365/85 R20 RM910 TL 164 J
Commercial Description: PETLAS, RM910
Category: C3 Class – Truck Bus Radial

List of Annexes

Annex	No of Pages	Subject
-	-	-

Worst Case Rationale

Only one variant/version is produced and this variant/version was tested according to Annex 7 of UNECE R54.00.

Note: Include information on variants and versions this report covers, as applicable

Significant Interpretations, Alternative Test Methods, New Technologies

None

Accreditation numbers under EN 17020/ EN 17025: AA-753/ TL-629



Test Report Nr.: 19-00192-MBT-TR-00

Test Required

	Yes, NA, See Report ... / Approval ... / Annex ...
Markings:	Yes
Measurement of Section Width:	Yes
Measurement of Outer Diameter:	Yes
Load/Speed Endurance test	Yes

Tyre Specification

Tyre Size Designation:	365/85 R20
Category of Use:	Special use tyre
Structure:	Radial
Speed Category Symbol:	J
Load Capacity Index:	164
Factor (x)	0,70

Manufacturer's Documentation

Manufacturer's documentation is complete and reflects the agreed specification for the vehicle tested and covers all variants and versions agreed in the worst case rationale.

NA

Facility and Equipment Checks

Calibration certificates checked and valid, recorded in the following table:

Yes

Equipment	Serial / Certificate No.	Calibration due*
Drum speed measurement	9DV0097	14.03.2020
Wheel load	9KV0306	15.03.2020
Tyre inflation gauge	8BS4248	07.12.2019
Calliper	9BY3975	15.03.2020
Thermometer	9SC1563	13.03.2020
Tape measure	9BY3973	15.03.2020

Test Report Nr.: 19-00192-MBT-TR-00

Test Requirements	Complies Yes / NA
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TYRE MEASUREMENT

Annex 6.1	Inflation pressure of measurement	116	psi	Yes
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6.1.1 SECTION WIDTH OF A TYRE

Annex 5 For the types of tyres for which the designation is given in the first column of the tables in Annex 5, the section width give opposite the tyre designation in these tables is

6.1.1.1 For tyres not shown in the annex:

where:

S = Section Width (mm)

S₁ = Nominal Section Width (mm)

A = Width of the measuring Rim (mm)

A₁ = Width of the Theoretical Rim (mm)

A₁ = S₁ x factor "x", Factor "x" is specified by the manufacturer

K = 0.4

THEREFORE

S = S₁ + K (A-A₁)

6.1.3	Measured overall width of tyre	364	mm	Yes
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6.1.4.2 The overall width of a tyre may exceed value determined in 6.1.1 by 8% for diagonal and bias or 4% for radial

6.1.4	Is measured section width less than the limit	368,5	mm	Yes
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6.1.4	Is measured section width less than the limit			Yes
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6.1.2 OUTER DIAMETER OF TYRE

6.1.2.2 For the types of tyres for which the designation is given in the first column of the tables of annex 5 (appendix 5) the outer diameter is

6.1.5	Dmin = d + (2H x a)	NA	mm	NA
-------	---------------------	----	----	----

	Dmax = d + (2H x b) [+ 1% if snow tyres]	1109,4	mm	Yes
		1164,3	mm	Yes

Where

D is the outer diameter expressed in mm

		1128	mm	Yes
--	--	------	----	-----

Accreditation numbers under EN 17020/ EN 17025: AA-753/ TL-629

Test Report Nr.: 19-00192-MBT-TR-00

d is the rim diameter expressed in mm	508	mm	Yes
H = nominal section height in mm	310	mm	Yes
equal to: $= 0.5 \times (D - d)$			
a = 0.97			
b = 1.07 diagonal and bias-ply			
1.04 radial			
For tyres not shown in the annex:			
H = $0.01 \times S^1 \times R_a$	310	mm	Yes
where: S_1 is the nominal section width in mm, and R_a is the nominal aspect ratio, as shown on the side wall of the tyre in the tyre size designation			
Outer diameter tyre	1126,8	mm	Yes
Ann 6 Is measured diameter between Dmin and Dmax			Yes
Ann 7 LOAD/SPEED ENDURANCE TEST			
Test rim	508	mm	Yes
Inflation pressure	116	psi	Yes
Measured outer diameter pre-test	1126,8	mm	Yes
Ann 7, App 1 Test drum speed	48	km/h	Yes
Ann 7, 2.4 Test Cell Temperature at start of test	26,5	°C	Yes
First stage test load (Duration 7 h)	3300	kg	Yes
Ann 7, App 1 Second stage test load (Duration 16 h)	4200	kg	Yes
Third stage test load (Duration 24 h)	5050	kg	Yes
Ann 7, 3 For Q and above rated tyres with a Load index 121 or less: 1.70M drum = 90% load or 92% load for 2.0M drum.			
Test Load	NA	kg	NA
Time to reach initial test speed (10 mins)	NA	km/h	NA
First test speed MAX LESS 20km/h (10 mins)	NA	km/h	NA
Second stage test load MAX LESS 10km/h (10 mins)	NA	km/h	NA
Third stage test load MAX SPEED (30 mins)	NA	km/h	NA

Accreditation numbers under EN 17020/ EN 17025: AA-753/ TL-629

Test Report Nr.: 19-00192-MBT-TR-00

Ann 7, 2.4	Test Cell Temperature during test Max	32,9	°C	Yes
	Test Cell Temperature during test Min	26,4	°C	Yes
6.2.2	Does not the tyre exhibit:			
	(i) Tread Separation			Yes
	(ii) Ply Separation			Yes
	(iii) Cord Separation			Yes
	(iv) Chunking			Yes
	(v) Broken Cords			Yes
6.2.3	Measured outer diameter post test	1130,0	mm	Yes
	Measured outer diameter post-test made 6 hours after test completion			
	Difference between measured outer diameter post-test and measured outer diameter pre-test			
		3,2	mm	Yes
	Allowable difference between measured outer diameter pre and post-test			
		+0,28%	± 3.5%	Yes

Test Report Nr.: 19-00192-MBT-TR-00

3 TYRE MARKING REQUIREMENTS

3.1.1	Trade name or Mark	PETLAS
3.1.2	The trade description/commercial name (Not required if it is same as above 3.1.1)	RM910
3.1.3	Tyre structure	Radial
3.1.4.1	Nominal speed category	J
3.1.5	M+S or M.S or M&S	Yes
3.1.6	Load capacity indices applicable to nominal speed category:	
	1. Single use	164
	2. Dual use	NA
3.1.4.2	Additional speed category	NA
	Load capacity indices applicable to additional speed category:	
	1. Single use	NA
	2. Dual use	NA
3.1.7	Tubeless	Yes
3.1.8	Date of Manufacturer	1219
3.1.9	Regroovable	Yes
3.1.10	Inflation pressure	116 psi
3.2	Space for Approval Mark	Yes

Test Report Nr.: 19-00192-MBT-TR-00

CONCLUSION The above mentioned tyre was tested in accordance with the legislation and was found to comply in all respects.

The test results are related only to the items tested.

Competence Signature:



Name: Onur Yavuz
Position: Type Approval Engineer

Date: 16.05.2019

Expert Signature:



Name: Erdal Çınarcı
Position: Business Development
Manager
Date: 16.05.2019

This technical report cannot be multiplied without written approval of MOBİLİTE.



Mobilite Sistem Yönetim ve Denetim Ticaret Limited Şirketi

Girne Mah. Girne Cad. Omega Deniz Plaza No:117-121 K:5 D:8 Maltepe / İstanbul / TURKEY

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e-mail: info@mobilite.com.tr

Accreditation numbers under EN 17020/ EN 17025: AA-753/ TL-629

