



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECNOLOGIE UND PRÜFWESEN, A.G.

Člen skupiny O Česká gumárenská společnost

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

E8*54R00/23*2871*00

Zlín 02th April 2020

Communication concerning the approval and notification of approval number – inspection report

Tyre type fully complies requirements of ECE/UN R54.

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

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

235/65R16C PETLAS FULLPOWER PT825 PLUS 121/119R

with the approval number : **E8*54R00/23*2871*00**
date of inspection : **02th April 2020**

Sincerely yours,

IGTT a.s.

homologace pneumatik
Šiemborská 446, Louky
763 02 Zlín, Czech Republic
IČ/ID: 46900080 DIČ/VAT: CZ46900080



Václav Hořelka
Head Of Tyre Approval Department
Head Of Inspection Body HS440

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APPROVAL WITHDRAWN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.: **E8*54R00/23*2871*00**

Rozšíření č.:

Extension No.: -

- | | | | |
|--------|--|---|---|
| 1. | Název a adresa výrobce
Manufacturer's name and address | : | PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No.2/1
40200 Kirsehir, TURKEY |
| 2. | Označení typu pneumatiky
Tyre type designation | : | FULLPOWER PT825 PLUS |
| 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 address of
manufacturer's representative | : | N/A |
| 4. | Souhrnný popis
Sumarized description | : | |
| 4.1. | Označení rozměru pláště
Tyre size designation | : | 235/65R16C |
| 4.2. | Kategorie užití
Category of use | : | normální / zimní / speciální /
normal / snow / special / <u>1/</u> |
| 4.3. | Konstrukce
Structure | : | diagonální / radiální /
diagonal / radial / <u>1/</u> |
| 4.4. | Třída pneumatiky
Tyre class | : | C2 / C3 <u>1/</u> |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | R |
| 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 121 ve dvojmontáži 119
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 :
Date of report issued by that service : 17.03.2020
7. Číslo protokolu, vydaného touto :
zkušebnou :
Number of report issued by that service : D020-0635
8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -
9. Poznámky :
Any remarks : -
10. Místo : Praha
Place :
11. Datum : 02.04.2020
Date :
12. Podpis :
Signature : Václav Hořelka
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
- žádost o homologaci / application for approval
- 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

APPLICATION FOR APPROVAL ECE No. 54

4.1.1	Tyre-size designation	: 235/65 R16 C	
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)	: FULL POWER PT825 Plus	
4.1.3	Category of use (normal/special/snow)	: NORMAL	
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	: NA	
4.1.4	Structure (diagonal(bias ply)/radial)	: RADIAL	
4.1.5	Speed category	: R	
4.1.6	The load-capacity indexes	: 121/119	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 240	mm
	Outer diameter	: 712	mm
4.1.9	Factor X	: 0.70	
4.1.10	The rims on which the tyre can be mounted	: 6½J 7J 7½J	inch
4.1.11	The measuring rim and test rim	: 7.00	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 575	kPa
4.1.13	The additional load/speed combinations	: NA	

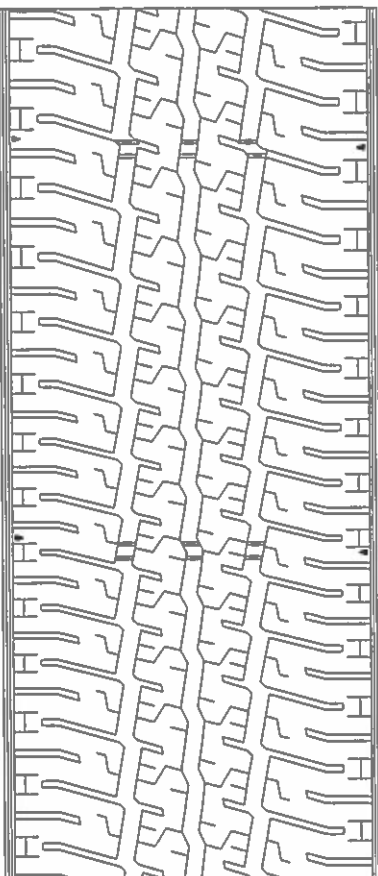
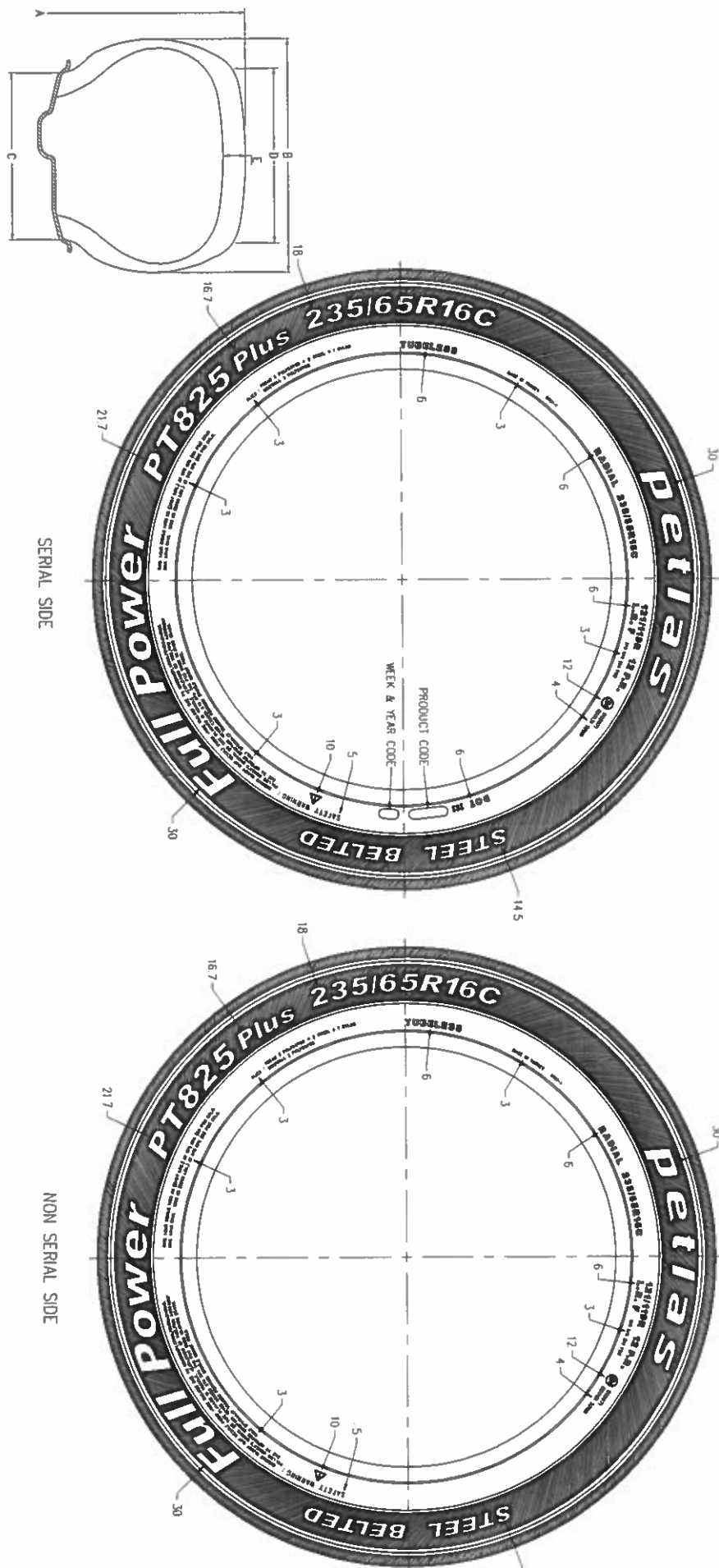
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763 02 Zlín, Czech Republic

IC/ID: 46900080 DIČ/VAT: CZ46900080





R	235/65R16C	121/119	-	X	712	240	7.0	191	10.5	002871	020131 S2WR2	-
R	235/65R16C	121/119	-	X	712	240	7.0	191	10.5	002871	020131 S2WR2	-
Hz SMT (SPEED CAT)	LASTIC EBAD (TIRE SIZE)	VIA KAPASITE (LOAD CAP. INDEX)	TP (TIRE TYPE)	TP (TIRE TYPE)	A mm	B mm	C mm	D mm	E mm	ONAY NO. (APPROVAL NO.) R-54	ONAY NO. (APPROVAL NO.) R-117	ADOKLADA (REMARKS)

SMT DESCHI (TREAD PATTERN) : Full Power PT825 PLUS
SMT (TREAD) :
YANAK (SIDEWALL) : 2 POLYESTER + 2 STEEL + 1 NYLON

RESUL NO.
(DRAWING NO.)
PKT-12131-3

TARH
(DATE)
17.13.2020

KONTROL (CHECKED)
B. D. f

IGTT a.s.
homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic





TYPE APPROVAL TEST REPORT

REPORT NO: D020-0635

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO.	Speed Category Symbol	: R
Manufacturer Address	: KINDAM MAH. ANKARA KAYSERİ CAD. NO:2/1 KIRŞEHİR / TURKEY	Additional Load/Speed	: N/A
Brand	: PETLAS	Category of Use	: NORMAL
Pattern Name	: FULLPOWER PT825 Plus	TT/TL	: TL
Product Code	: 42093	Date of Manufacture	: 1020
Size Designation	: 235/65 R16 C	Barcode Number	: 57567786
Load Capacity Index	: 121/119	Approval Number	: E8 002871

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	:
Test Date	: 14.3.2020
Reference Regulation	: UNECE Regulation 54.00 to Supplement 23
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control ☒ 2 - Dimensions Measurement ☒ 3 - Load/Speed ☒
Test Machine Name (Drum Diameter)	: ASM-2 (1.707 m)
Pressure Gauge Calibration No	: 9BS1559
Caliper Calibration No	: 2047459
Tape Measure Calibration No	: 2047455
Test Rim	: 7JX16-T2
Test Technician	: F.Ş. - F.Ö.

CUSTOMER INFORMATION

Name	: Same as Manufacturer
Address	: Same as Manufacturer

TYRE VISUAL INSPECTION RESULT BEFORE TEST

Tyre was inspected and any evidence of failure was not detected.

Controlled by:

AYHAN UMUCU
Tyre Test Engineer
16.03.2020



Page 1 of 2

Approved by:

EKREM TURNA
Tyre Test and Homologation Engineer
17.03.2020

Petlas Secret Technical Information. The document contains classified information. It must be kept in only Petlas and stored in a safe place. The test result in this report is only used for the tested tyre size which is specified in the report header. This test report shall not be reproduced other than in full except with the permission of Petlas.

IGTT a.s.

homologace pneumatik
Štěrberská 446, Louky
763 02 Zlín, Czech Republic

ICID: 46900080 DIČ/VAT: CZ46900080



FORM NUMBER: 317-F-046-00



TYPE APPROVAL TEST REPORT

REPORT NO: D020-0635

TEST 1 - MARKING CONTROL

Trade name or Mark	YES ☒	NO ☐	N/A ☐
Commercial/Pattern Name Marking	YES ☒	NO ☐	N/A ☐
Tyre Size Designation Marking	YES ☒	NO ☐	N/A ☐
Tyre Structure Marking	YES ☒	NO ☐	N/A ☐
Speed Category Symbol Marking	YES ☒	NO ☐	N/A ☐
Load Capacity Index Marking	YES ☒	NO ☐	N/A ☐
"FRT"	YES ☐	NO ☐	N/A ☒
"Regroovable"	YES ☐	NO ☐	N/A ☒
"M+S" marking in case of "Snow" or "Special Use" tire	YES ☐	NO ☐	N/A ☒
"POR" or "ET" marking in case of Special Use Tire	YES ☐	NO ☐	N/A ☒
"TUBELESS" marking in case of without inner tube use	YES ☒	NO ☐	N/A ☐
Date of Manufacture	YES ☒	NO ☐	N/A ☐
Approval Number Marking	YES ☒	NO ☐	N/A ☐

RESULT : The tire markings are fulfill the reference regulation requirements.

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning	: 24 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 575
Overall Width Measurements (mm)	: 240,0 / 240,0 / 239,8 / 239,4 / 239,5 / 239,2
Maximum Circumference (mm)	: 2247

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	240,0	240,0
Maximum Overall Width-Smax	250,0	
Nominal Outer Diameter-D	712,0	715,2
Minimum Outer Diameter-Dmin	703,0	
Maximum Outer Diameter-Dmax	725,0	

RESULT : The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 575

Test Procedure						Dimensional Measurements	
Date/Time	Test Step No	Duration (min.)	Test Load (kg)	Test Speed (km/h)	Control		
14.3.2020 21:15	0	0	0	0	F.S.	Overall Diameter Before Test (mm)	: 715,2
	1	0-150	1305	0-150			
	2	150	1305	150			
	3	180	1305	160			
14.3.2020 22:15	4	170	1305	170	F.O.	Overall Diameter 6h After Test (mm)	: 720,3
Inflation Pressure After Test (kPa) : 565						Diameter difference after Test (%)	: 0,71

RESULT : Tire completed the load/speed test without any failure.

FINAL RESULT: THE TYRE PASSED ALL TESTS ACCORDING TO THE REFERENCE REGULATION

PASSED

Controlled by;

AYHAN UMUCU
Tyre Test Engineer
18.03.2020

[Signature]



Approved by;

EKREM TURNA
Tyre Test and Homologation Engineer
17.03.2020

[Signature]