



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



Zlín 16th June 2025

E8*75R00/20*1769*00

Yokohama TWS Slovenija d.o.o.
Škofjeloška cesta 6
4000 Kranj
SLOVENIA

Communication concerning the approval and notification of approval number and inspection report issued by Inspection body IGTT

Tyre type fully complies requirements of ECE/UN R75.

Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. 75

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

150/70-14 MITAS ENDURO TRAIL-ADV 2 66S

with the approval number : **E8 75R - 001769**
date of inspection : **16th June 2025**

inspector's name : **Václav Hořelka**

Sincerely yours,



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

**APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE
FOR MOTORCYCLES AND MOPEDS ACCORDING TO ECE REGULATION No. 75**

E8 75R – 001769

4.1.1. Tyre size designation:	150/70-14
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL-ADV 2
4.1.3. The category of use:	NORMAL
4.1.4. Structure (diagonal, bias belted, radial):	DIAGONAL
4.1.5. The speed category:	S
4.1.6. The load-capacity index of the tyre:	66
4.1.7. Tube type or Tubeless:	TUBELESS/TUBE TYPE
4.1.8. Normal or Reinforced:	NORMAL
4.1.9. Ply rating number of tyres for motorcycle derivatives:	TREAD: 3 POLYESTER SIDEWALL: 2 POLYESTER
4.1.10. overall section width: overall diameter:	Overall section width: 150.28 mm Overall diameter: 560.2 mm
4.1.11. The rims on which the tyre can be mounted:	3.50x14, 3.75x14, 4.00x14, 4.25x14, 4.50x14
4.1.12. The measuring rim and test rim:	4.00x14
4.1.13. The test and measurement pressure	Test pressure: 300 kPa Measuring pressure: 225 kPa
4.1.14. Factor x	0.7
4.1.15. Max allowed speed for load-capacity defined in 4.1.6.	180 km/h

Manufacturer's name and address:

Tyre Manufacturer (1)

Yokohama TWS Slovenija d.o.o.
Škofjeloška cesta 6,
4000 Kranj, Slovenia

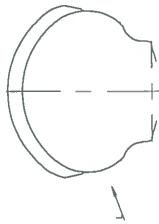
Tyre Manufacturer (2)

Reise Mitas Tires LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140, India

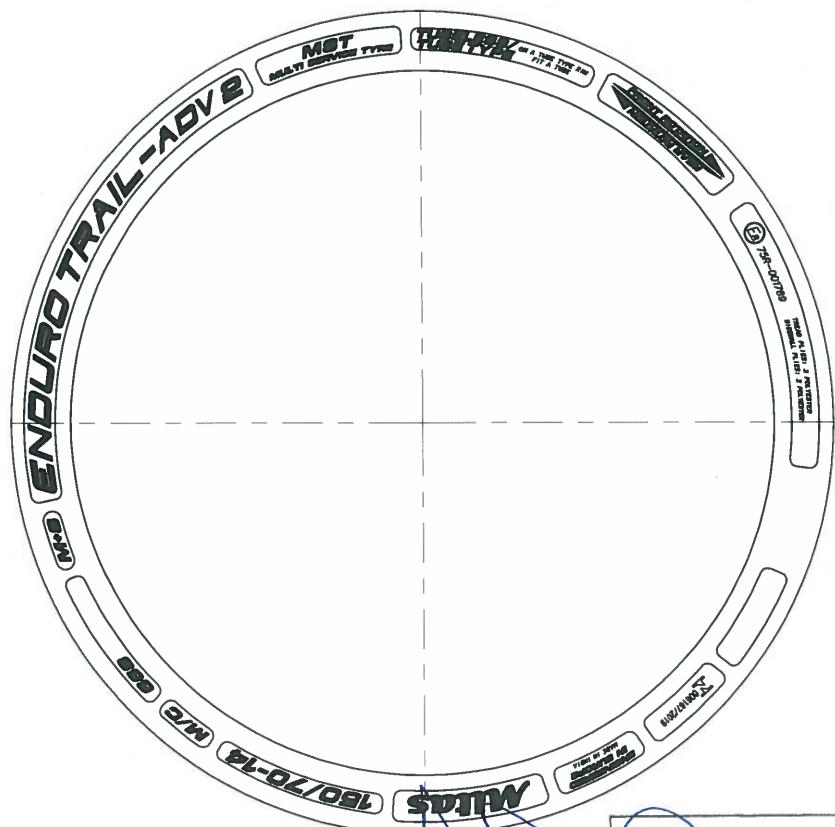
Tyre Manufacturer (3)

Yokohama TWS Czech Republic a.s.
Vavrečkova 7248
760 02 Zlin, Czech Republic

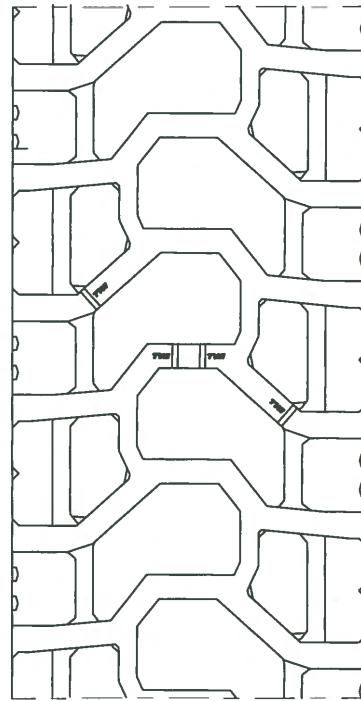




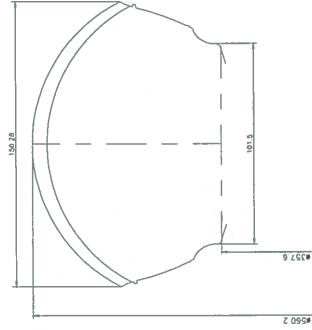
DISPOSITION ON TYRE - TOP HALF OF THE WOULD
(VIEW 1)

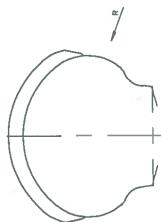


ONE BAN (800) WTAS ET-ADV 2 PATTERN

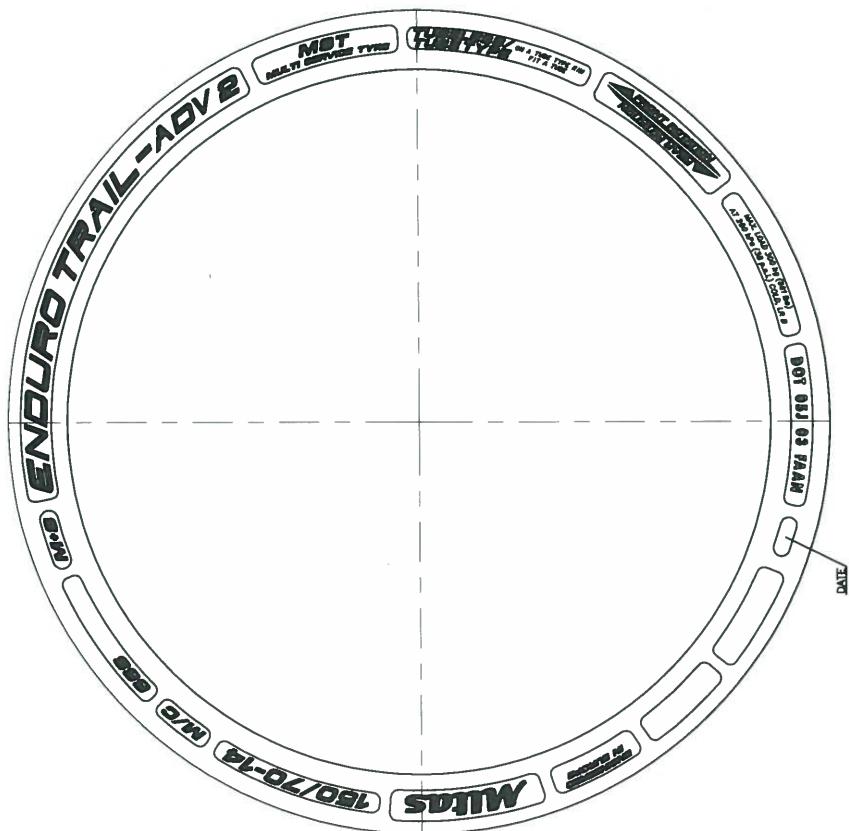


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SPOSITION ON TYRE - BOTTOM HALF OF THE MOULD
(VIEW R)



IGT a.s.
Tyre Approval Department
Štemberská 446, Louky
763 07 Zlín, Czech Republic
IČ/DI: 46990080 DIČ/VAT: CZ46990080

RMTL	REISE MITAS Tires LLP	Format No.	RMTL/QR/7.8/01
	(Testing Laboratory)	Issue No.	01
	Plot No. 521. Saykha Industrial Estate , Near Village Juned, Taluka Vagra Dist. Bharuch Gujarat (I) -392140	Issue Date	05-01-2023
DOCUMENT NO		Amend. No.	01
RMTL /QR/01/2023		Amend. Date	10.07.2024

TEST REPORT

GENERAL DETAILS

Test Report No.	RMTL/RN/2025/RM25-351
Group:	Rubber & Rubber Product
Discipline :	Mechanical
Date of Issue	24-05-2025
Name of customer	Monika Macháčová
Address of customer	Research, Development & Quality Director, Mitas Motocycle Tires, Kranj, Slovenija
Contact details of customer Email ID	Monika.Machacova@mitas-tires.com
Customer Letter Ref No. / Email with date	MM25029
Date of Receipt of sample	21-03-2025
Other information like witness/ Third party /customer identification	70001455 V1_A
Date of test performed on	21-03-2025 to 23-05-2025
sample Description	TWO WHEELER TYRE
Sample Description	150/70-14 M/C 66S MITAS ENDURO TRAIL ADV2 TL/TT
Condition of sample	LOOSE
Quality of sample received	GOOD
No of tyre received	6
Test sample manufactured by	REISE MITAS Tires LLP
Location of the manufacturing plant	521, Saykha Industrial Estate, Near Village Juned, Taluka Vagra, Dist-Bharuch. Gujarat. Pin -392140 INDIA

VRD
24/5/25

PRAKASH D RAO V
TECHNICAL MANAGER

Reviewed By

MECHANICAL LABORATORY

VIDYADHARA MULIBAIL
QUALITY MANAGER

Authorized Signatory

Disclaimer:

1. Samples drawn and submitted by customer
2. The results reported only pertain to the sample submitted by the customer
3. This report shall not be reproduced except in full , without written approval of the laboratory
4. Samples tested as per standards mentioned by the laboratory
5. Statement of Conformity is as per applicable test methods used

1 OF 5

RMTL	REISE MITAS Tires LLP	Format No.	RMTL/QR/7.8/01
	(Testing Laboratory)	Issue No.	01
	Plot No. 521. Saykha Industrial Estate , Near Village Juned, Taluka Vagra Dist. Bharuch Gujarat (I) -392140	Issue Date	05-01-2023
DOCUMENT NO		Amend. No.	01
RMTL /QR/01/2023		Amend. Date	10.07.2024

Test Report No :	RMTL/RN/2025/RM25-351
Date of Issue:	24-05-2025

1	Details of tyres, Submitted/declared by the supplier
Test standard	ECE R-75 (Cl.4)
1.1	Tyre size designation
1.2	Tyre Trade name and mark
1.3	The category of use (normal, special, snow or moped)
1.4	Structure: diagonal (bias ply), bias belted or radial
1.5	Speed category
1.6	Load capacity Index of the tyre/Maximum load carrying capacity (kg)
1.7	Whether the tyre is to be used with or without an inner tube
1.8	Whether the tyre is "normal" or "reinforced"
1.9	The ply-rating number of tyres for motor cycle derivatives
1.10	Overall width (mm)
1.11	Overall diameter (mm)
1.12	Rim on which tyres can be mounted
1.13	Measuring rim and test rim,
1.14	a.Inflation pressure corresponding to maximum load carrying capacity (kPa)
	b.Test and measurement pressure (kPa)
1.15	The factor X referred to in paragraph 2.19
1.16	For tyres identified by means of letter code "V" within the size designation and suitable for speeds over 240 km/h or for tyres identified by means of letter code "Z" within the size designation and suitable for speeds over 270 km/h, the maximum speed permitted by the tyre manufacturer and the load carrying capacity allowed for that maximum speed.

VRAO
24/5/25

VIDYA
24/05/25

PRAKASH D RAO V
TECHNICAL MANAGER

VIDYADHARA MULIBAIL
QUALITY MANAGER

Reviewed By

2 OF 5

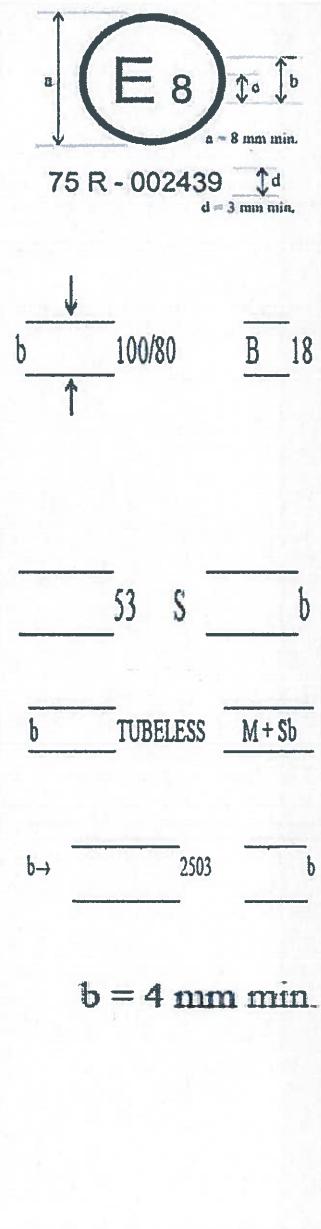
Authorized Signatory

RMTL	REISE MITAS Tires LLP		
	(Testing Laboratory)		
	Plot No. 521. Saykha Industrial Estate, Near Village Juned, Taluka Vagra Dist. Bharuch Gujarat (I) -392140		
DOCUMENT NO	TEST REPORT		
RMTL /QR/01/2023			



ULR No. :	TC1409325000000028F
Test Report No. :	RMTL/RN/2025/RM25-351
Date of Issue:	24-05-2025

2	Marking				
Test standard	ECE R-75 (Cl. No-3)				
Sample ID :	RM25-351-02				
S.No	Specific tests performed	Unit of measurement	Min Req.	Observed value	Remark
2.1	Diameter of circle	mm	8	12	-
2.2	Height of letter E	mm	4	7	-
2.3	Height of number	mm	3	5	-
2.4	Height of text 75R....	mm	3	4	-
2.5	Size designation	mm	4	9	-
2.6	Structure (diagonal/bias belted/radial)	Visual	Shall be marked	"."	-
2.7	Trade name	Visual	Shall be marked	Mitas ENDURO TRAIL ADV2	-
2.8	Speed category	mm	4	7	-
2.9	Load capacity	mm	4	7	-
2.10	Ply rating	Visual	Shall be marked	-	-
2.11	Tubeless/Tubetype	mm	4	5	-
2.12	REINFORCED or REINF	Visual	Shall be marked	-	-
2.13	M+S or M.S or MaS	Visual	Shall be marked	Available	-
2.14	MST	Visual	Shall be marked	Available	-
2.15	Date of production (wwyy)	mm	4	5	-
2.16	M/C	mm	4	7	-
2.17	MOPED or CYCLOMOTEUR	Visual	Shall be marked	-	-
2.18	(W) for SS>270km/h	Visual	Shall be marked	-	-
2.19	Running rotation	Visual	Shall be marked	Available	-
2.20	Visible defects or damages	Visual	Shall be marked	No	-
2.21	QC check mark	Visual	Shall be marked	Not Available	-
2.22	Manuf.name or country	Visual	Shall be marked	MADE IN INDIA	-
2.23	TWI markings	Nos.	Shall be marked	Available(6 nos)	-
2.24	DP	Visual	Shall be marked	-	-
2.25	NHS	Visual	Shall be marked	-	-



24/5/25
 PRAKASH D RAO V
 TECHNICAL MANAGER

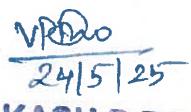
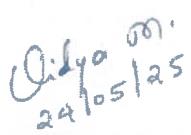
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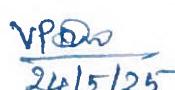
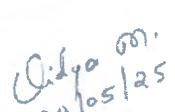
3 OF 5

VIDYADHARA MULBAIL
 QUALITY MANAGER

Authorized Signatory

24/05/25

RMTL	REISE MITAS Tires LLP				  TC-14083				
	(Testing Laboratory)								
	Plot No. 521, Saykha Industrial Estate, Near Village Juned, Taluka Vagra Dist. Bharuch Gujarat (I) -392140								
DOCUMENT NO	TEST REPORT								
RMTL /QR/01/2023									
ULR No. :	TC1409325000000028F								
Test Report No :	RMTL/RN/2025/RM25-351								
Date of Issue:	24-05-2025								
3	Tyre Dimensions								
Sample ID :	RM25-351-02								
Test standard	ECE R-75 (Cl No-6)								
S.No	Specific tests performed		Unit of measurement	Standard Specification requirement	Observed Values				
3.1	Rim Size		Inch	MT4.00X14"	MT4.00X14"				
3.2	Inflation pressure		kPa	225	225				
3.3	Conditioning temperature		Degree	20-30	26.4				
3.4	Conditioning Duration		hr	24	24				
3.5	Maximum overall width of tyre		mm	143-163	150.28				
3.6	Overall diameter		mm	560 - 580	560.2				
U.pressure:-±0.38%, U.OD:-±0.31%, U.Width:-±0.13%									
U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%									
4	Load / speed performance test								
Test standard	ECE R-75(Cl. No-6.2)								
Sample ID :	RM25-351-02								
4.1	Test condition: Smooth wheel diameter(m) : 1.7 Condition duration(hr) : Min 3 Condition temperature (°C): 20-30 Test room temperature(°C) : 20-30 Test Inflation pressure(kPa) :300 Test load (kg) : 195 Test Rim : MT4.00X14"								
	Step	Speed (km/hr)	Durations (minutes)	Room temp. (°C)					
	1	0-140	0-20	27					
	2	140	10	27					
	3	150	10	27					
	4	160	10	28					
	5	170	10	28					
4.2	Initial Diameter		mm	560 - 580	560.9				
	Final Diameter when measured at least six hours after test			560 - 580	570.4				
	% Change in outer diameter of tyre, Measured after 6 hours		%	Max ±3.5	1.7				
4.3	Initial overall width		mm	143-163	150.2				
	Overall width at the end of test			143-163	150.5				
U.pressure:-±0.38%, U.OD:-±0.31%, U.Width:-±0.13%									
U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%									
 PRAKASH D RAO V TECHNICAL MANAGER									
 VIDYADHARA MULIBAIL QUALITY MANAGER									
Reviewed By	4 OF 5				Authorized Signatory				

RMTL	REISE MITAS Tires LLP			  TC-14093		
	(Testing Laboratory)					
	Plot No. 521. Saykha Industrial Estate , Near Village Juned, Taluka Vagra Dist. Bharuch Gujarat (I) -392140					
DOCUMENT NO RMTL /QR/01/2023	TEST REPORT					
ULR No. : TC1409325000000028F	Test Report No. : RMTL/RN/2025/RM25-351	Date of Issue: 24-05-2025				
5	Dynamic Growth of the tyre:					
Test standard	ECE R-75 (CI No:-6.3)					
Sample ID :	RM25-351-02					
S.No	Specific tests performed	Unit of measurement	Standard Specification requirement	Observed Values	Remark	
5.1	Test condition:					
	Test inflation pressure : 250 kPa					
	Speed category symbol - S					
	Maximum Speed - 180 kmph					
	Rim Diameter(D) -14 inch					
	Calculation of Overall width :-					
	$S = S1 + K(A-A1)$					
	Nominal Section Width(S1)-150 mm	Width of measuring Rim(A) -4.00 inch = $4.00 * 25.4$ mm = 101.6mm				
	Factor X = 0.70	K=0.4				
	$A1=S1 * Factor X = 150 * 0.70 = 105$ mm					
$S=150+0.4 (101.6 - 105) = 148.64$ mm						
Tyre section-width specifications-						
1. For normal and snow service:						
(a) rim diameter code 13 and above: +10 per cent						
(b) rim diameter codes up to 12 inclusive: +8 per cent						
2. For special service tyres which are suitable for limited road use and are marked MST: 25 per cent.						
$S_{min}=S - (S * 4\%) = 148.64 - (148.64 * 0.04) = 142.69$ (Nearest to 143 mm)						
$S_{max}=S + (S * 10\%) = 148.64 + (148.64 * 0.1) = 163.5$ (Nearest to 163 mm)						
Overall width Specification - 143 to 163 mm						
Calculation of centrifugal Radius :-						
Nominal sectional height (H) = Nominal sectional width * Aspect ratio => $150 * 70\% = 105$ mm						
$H_{dyn} = H * 1.10 \Rightarrow 105 * 1.10 \Rightarrow 115.5$ mm						
Centrifugal radius = $H_{dyn} + D / 2 \Rightarrow 115.5 + (14 * 25.4) / 2 \Rightarrow 293.3$ mm						
Step	Speed (km/hr)	Durations (min)	mm	Maximum Centrifugal radius	Centrifugal radius at Test Speed	-
1	0-180	5		293.3	291.9	
2	180	5				
5.2	Maximum overall width (SG) at test speed		mm	143-163	140.8	-
U.speed:- $\pm 0.32\%$, U.pressure:- $\pm 0.38\%$, U.OD:- $\pm 0.31\%$, U.Width:- $\pm 0.13\%$						
U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%						
Conclusion	The above subject, size:-150/70-14 66S MITAS ENDURO TRAIL ADV2 TL/TT tests carried out as per ECE R75.					
 PRAKASH D RAO V TECHNICAL MANAGER						
 VIDYADHARA MULIBAIL QUALITY MANAGER						
Reviewed By	5 OF 5			Authorized Signatory		