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SECTION 3, SUB-SECTION (ii))

**GOVERNMENT OF INDIA
MINISTRY OF SHIPPING AND TRANSPORT
(TRANSPORT WING)**

New Delhi, the 15th April, 1983

NOTIFICATION

G.S.R. 295 (E) Whereas the draft rules in exercise of the powers conferred by sub-section (1) of section 69 (B) of the Motor Vehicles Act, 1939 (4 of 1939) were published as required by sub-section (1) of section 133 of the said Act in the Gazette of India Part II Section 3, sub-section (ii) dated 1st October, 1982, under notification of the Govt. of India in the Ministry of Shipping and Transport (Transport Wing) TW/TGM (26)/82 [S.O. No. 706 (E) dated 1st October, 1982] inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of a period of 30 days from the date of publication of the said notification in the official Gazette.

And whereas the said Gazette was made available to the public on the 1st day of October, 1982.

And whereas objections or suggestions received in the matter have been considered.

Now, therefore, in exercise of the powers conferred by section 69B of the Motor Vehicles Act, 1939 (4 of 1939) read with section 22 of the General Clauses Act 1897 (X of 1897), the Central Government hereby makes the following Tyre Rules in pursuance of para (9) of the "Overall Dimensions of Transport Vehicles and Tyres Rules, 1982" as notified vide GSR No. 846-E dated 10th December, 1982. They shall come into force with effect from 1.4.83.

2. Definition

In these rules, unless there is anything repugnant in the subject or context :—

- (i) "Act" means the Motor Vehicles Act, 1939 (4 of 1939).
- (ii) The words and expressions used, but not defined in these rules, but defined in Motor Vehicles Act, 1939, shall have the meanings assigned to them in that Act.

3. *Size and nature of Tyres*

The following size of tyres shall be fitted to a motor vehicle for carrying the maximum weight shown against each size of tyre together with the ply-rating specified by the manufacturer of tyres :

Size of Tyre	Ply-rating specified by the manufacturers	Maximum weight permitted to carry
		Kgs.
6.00 – 20	8	1065
6.50 – 20	8	1240
7.00 – 17	8	1170
7.00 – 20	10	1495
7.50 – 20	10	1750
7.50 – 20	12	1870
8.25 – 20	10	1890
8.25 – 20	12	2115
8.25 – 20	14	2180
9.00 – 20	10	2245
9.00 – 20	12	2540
9.00 – 20	14	2730
9.00 – 20	16	2820
10.00 – 20	14	2955
10.00 – 20	16	3170
10.00 – 24	14	3270
10.50 – 16	12	2540
10.50 – 16	16	2965
11.00 – 20	14	3250
11.00 – 20	16	3595
11.00 – 24	14	3550
12.00 – 20	14	3415
12.00 – 20	16	3655
12.00 – 20	18	4065
14.00 – 20	18	4950
14.00 – 20	20	5140
14.00 – 20	22	6240
LIGHT TRUCK TYRES (DIAGONAL)		
6.00 – 16	6	715
6.00 – 16	8	840
6.50 – 16	6	805
6.50 – 16	8	945
6.70 – 15	8	905
7.00 – 15	6	865
7.00 – 15	8	1020
7.00 – 15	10	1155
7.00 – 16	6	895
7.00 – 16	8	1065
7.00 – 16	10	1200
7.50 – 16	8	1215
7.50 – 16	10	1380
7.50 – 16	12	1550
MOTOR-SCOOTER TYRES		
3.50 – 8	4	215
3.50 – 10	4	245

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MOTOR CYCLE TYRES

2.57 - 19	—	175
3.00 - 18	—	200
3.00 - 19	—	215
3.25 - 16	—	225
3.25 - 18	—	245
3.25 - 19	—	265
3.50 - 18	—	275
3.50 - 19	—	290

AGRICULTURE STEERING WHEEL TRACTOR TYRES (DIAGONAL PLY)

4.00 - 19	4	445
5.50 - 16	4	530
5.50 - 16	6	655
6.00 - 16	4	565
6.00 - 16	6	700
6.00 - 19	4	640
6.00 - 19	6	800
6.50 - 16	4	640
6.50 - 16	6	770
6.50 - 20	4	750
6.50 - 20	6	905

AGRICULTURE DRIVE WHEEL TRACTOR TYRES (DIAGONAL PLY)

8.3/8 - 24	4	780
8.3/8 - 24	6	1015
8.3/8 - 32	4	895
8.3/8 - 32	6	1150
11.2/10 - 28	4	1125
11.2/10 - 28	6	1395
11.2/10 - 28	8	1630
12.4/11 - 24	4	1180
12.4/11 - 24	6	1500
12.4/11 - 28	4	1255
12.4/11 - 28	6	1559
12.4/11 - 28	8	1890
12.4/11 - 36	4	1420
12.4/11 - 36	6	1800
12.4/11 - 38	4	1455
12.4/11 - 38	6	1850
13.6/12 - 28	4	1375
13.6/12 - 28	6	1790
13.6/12 - 28	8	2055
13.6/12 - 38	6	2075
13.6/12 - 38	8	2390
16.9/14 - 28	6	2300
16.9/14 - 28	8	2720
16.9/14 - 30	6	2375
16.9/14 - 30	8	2805
18.4/15 - 30	10	3520
18.4/15 - 30	12	3975
18.4/15 - 30	14	4255

4. Every transport vehicle shall be fitted with tyres which are in good condition and which have not become bald or whose canvas has become visible because of wear and tear.

5. *Solid Tyres*

(i) The tyre of each wheel of a vehicle fitted with solid tyres shall be smooth and shall, where the tyre touches the surface of the road or other base, whereon the vehicle moves or rests, be flat:

Provided that the edges of the tyre may be as rounded to the extent in the case of each edge of not more than 12.5 millimetres :

Provided further that if the tyre is constructed of separate plates, the plates may be separated by parallel spaces, which shall be disposed throughout the outer surface of the tyres, so that nowhere shall be aggregate extent of the space or spaces in the course of a straight line drawn horizontally across the circumference of the wheel exceed one-eighth part of the width of the tyre.

(ii) The width of a solid tyre shall not be less than 76 millimetres in the case of a wheel fitted to a trailer and 127 millimetres in any other case.

(iii) In the case of vehicles fitted with worn solid rubber tyres, the thickness shall be uniform and not less than shown below :—

<i>Tyre Width</i>	<i>Minimum uniform thickness</i>
127 millimetres	22 millimetres
127 millimetres — 203 millimetres	25.4 millimetres
203 millimetres and upwards	28.5 millimetres

Provided two tyres are fitted to a rim the width for the purposes of this rule shall be the combined width of the two-tyres.

6. *Size of wheels*

The diameter of any wheel fitted by a vehicle with solid tyres shall not be less than 60 centimetres.

(G.J. MISRA)
Joint Secretary to the Govt. of India
F. No. TW/TGM (26)/82
