



ABSTRACT

Motor Vehicles – Curriculum for imparting training to the candidates to drive E-rickshaw/E-Cart vehicles in the State – Approved – Orders - Issued.

Home (Transport.III) Department

G.O.(Ms).No.90

Dated: 01.03.2023

சுபகிருது வருடம், மாசி-17ம் நாள்
திருவள்ளூர் ஆண்டு -2054

Read:

From the Transport Commissioner, Commissionerate of Transport & Road Safety chennai, letter R.No.21189/HB1/2022, dated:27.06.2022 and 25.08.2022.

ORDER:

The Transport Commissioner in his letter read above, has stated that the Government of India has made certain amendments to the Central Motor Vehicles Rules, 1989 creating new categories of Transport Vehicles i.e., E-rickshaw (seating capacity 5 in all) and E-cart (battery operated vehicles) for the purpose of carrying passengers with their luggage and for carrying goods.

The Transport Commissioner has stated that as per Rule 2(cb) of the Central Motor Vehicle Rule 1989, "**E-rickshaw**" means a special purpose battery operated vehicle having three wheels and intended to provide last mile connectivity for transport of passengers for hire or reward. The **E-rickshaw** vehicles have not yet been registered in the State of Tamil Nadu.

As per rule (cc) of the Central Motor Vehicle Rule, 1989 "**E-cart**" means a special purpose battery operated vehicle having three wheels and intended to provide last mile connectivity for carrying goods for hire or reward.

2. The Transport Commissioner has also stated that, URBASER Sumeet Urban Services (Chennai)II Pvt Ltd, Chennai, has requested to provide training for the candidates who applied for license to drive "E-rickshaw" /"E-cart" for their own recruited candidates.

3. The Transport Commissioner has further stated that as per rule 8A of the Central Motor Vehicle Rules, 1989 every applicant for obtaining a license to drive E-rickshaw or E-cart shall undergo training for a period of at least ten days, the curriculum for which may be prescribed by the State Government and shall obtain a certificate of training from any institution authorized by the State Government and hence stated that the curriculum for the training of E-rickshaw and E-cart has to be prescribed.

4. The Transport Commissioner has drafted the curriculum and requested the Government to approve the curriculum for giving training to the candidates for driving E-Rickshaw/E-Cart by the authorized institutions.

5. The Government after careful examination have decided to accept the proposal of the Transport Commissioner and accordingly approve the curriculum annexed to this order for giving training to the candidates for driving E-Rickshaw/E-Cart in the State and the Institutions to provide the training will be decided at the level of Transport Commissioner.



(BY ORDER OF THE GOVERNOR)

**K.PHANINDRA REDDY
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

To

The Transport Commissioner,
Chepauk, Chennai-5.
Stock file/Spare copy.

//FORWARDED BY ORDER//


SECTION OFFICER


ANNEXURE – I

A. DRIVING THEORY-1

1.	Know your vehicle	Simple introduction to automobile engines and their working
2.	Vehicle control	Foot brake, accelerator, clutch-dipper (not in present models)
	Hand controls	Steering wheel, hand brake, horn, light, wipers, ignition switch, starter, dipper and indicators.
	Other controls	Rear-view mirror (right and left side), instrument cluster, gauges, dials, windscreen their purpose.
3.	Pre-driving checks	(i) Before sitting on driver's seat and (ii) After sitting on driver's seat
4.	Beginning to drive	Precautions just before moving. While moving Biting point, Moving, Steering control, Changing of gear, Stopping, Braking, Accelerator (gradual, sudden) Traffic sense, road sense, judgment, parking and positioning according to road users, Reversing.
5.	Driving on the road	Anticipation, judgment and road positioning according to other road users.
6.	Driving at inter-sections	Mirror Signal and Manoeuvres (MSM) and Position Speed and Look (PSL). Zone of vision.
7.	Manoeuvres	Merging and diverging Manoeuvres – turning manoeuvres to left, right, about, 3-point turn, 5-point turn and U-turn, overtaking stationary vehicle, moving vehicle in left side and right side.

8.	Reversing	Locating reverse gear in sitting position, speed, control, steering in reverse gear, weaving the 'S' bend and common errors.
9.	Parking	Parallel, angular, perpendicular, parking facing uphill, parking facing downhill, common errors.
10.	Driver's responsibility on the road	Driving behavior, consideration for other road-users, courtesy and competitiveness, over-confidence, impatience and defensive driving. Distance between cars while driving at Railway crossing.
11.	Priority for certain vehicles	Emergency vehicles Fire engines, and Ambulance

B.TRAFFIC EDUCATION-I

1.	Driving regulations	Road use regulations made under section 118 of the Motor Vehicles Act 1988
2.	Hand signals	
3.	Traffic signs	Schedule to the Motor Vehicles Act 1988.
4.	Hand signals of Traffic constables/Traffic warden.	
5.	Introduction to automatic light signals.	
6.	Introduction to road markings	
7.	Speed regulations on highways and city roads.	
8.	Parking at objectionable places	
9.	Some important provisions of the Motor Vehicles Act,1988-	

	Sections 122,123,125,126 and 128 of the Motor Vehicles Act 1988.	
10.	Test of competence to drive	Sub-rule(3) of rule 15 of the Central Motor Vehicles Rules, 1989

C.LIGHT VEHICLES DRIVING PRACTICE

1.	Identification of various parts of the vehicles	
2.	Pre-driving checks	(i) Before sitting on driver's seat, and (ii) After sitting on driver's seat.
3.	Biting point	
4.	Moving and gear changing	
5.	Stopping:	Normal stopping Emergency
6.	Developing judgment and anticipation to drive on road	
7.	Reversing	In straight In 'S' bends
8.	Turning about and parking.	
9.	Licensing.	

D. VEHICLE MECHANISM AND REPAIRS

1.	Layout of vehicle	
2.	Lubrication system	Purpose Chassis lubrication
3.	Suspension system	Purpose Springs

		Shackle, shackle pin bushes Shock absorber and its bushes
4.	Steering system	Purpose Steering geometry Steering linkages Steering box
5.	Brake system	Purpose Hydraulic brake and its know-how Air brake and its know-how Brake adjustment of the entire system
6.	Electrical system	Battery and its condition Dynamo/Alternator Self motor – Starter motor regulators Lights-Knowledge to read the charging rate in the Ampere meter.
7.	Tyres	Study of tyres Maintenance Effect of defective tyres and wheel alignment
8.	Instruments cluster, dash board meters and their purposes and functions.	

F.TRAFFIC EDUCATION-II

1.	Know your road	Functional classification Design speeds
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		Road geometric Surface types and characteristics Slopes and elevation
2.	Sight distance	At bends At intersections.
3.	Road junctions	Principles and types T junctions Y junctions 4-Arm junctions Staggered junctions Controlled junctions Uncontrolled junctions
4.	Traffic islands	Types of roundabouts Channelisers, median
5.	Bye-pass, subway Over- bridge and fly-over's	Purpose Driving Procedures
6.	Bus stop, bus terminus, bus stand	Ingress Egress Method
7.	Road markings	White line: continuous and broken Yellow line Lane marking Zebra crossing Stop line Parking markings Sense of road signals.
8.	Lane selection and lane discipline	

9.	Automatic light signals	
10.	Road users characteristics	<p>Pedestrian, drunkards, children and blind, deaf and dumb</p> <p>Youth, aged women with children</p> <p>Slow-moving vehicles</p> <p>Mopeds and motor cycles</p> <p>Autos, tempos, vans</p> <p>Buses and trucks</p> <p>VIP, ambulance, fire engine</p> <p>Animals</p>
11.	Accidents	<p>Tyres of accidents</p> <p>Causes of accidents</p> <p>Preventive methods</p> <p>Driver's duties and responsibilities on the occurrence of accidents.</p>
12.	Important provisions in Motor vehicles Act, 1988 (59 of 1988), Central Motor Vehicles Rules, 1989, and the State Motor Vehicles Rules.	<p>Certain definitions</p> <p>Driving license and its renewal</p> <p>Carrying driving license, certificates of registration, fitness and insurance, permit taxation card or tax token and production of such document on demand by checking officers</p> <p>Traffic offences and penalties stipulated under the Act and Rules</p> <p>Relevant Extras of petroleum Act 1934</p> <p>City Police Act</p> <p>Indian Penal Code, 1860</p>

I. FIRE HAZARDS

Fire-fighting and prevention methods on vehicle.

J. VEHICLE MAINTENANCE

1. Factors affecting the vehicle parts due to bad and negligent driving.
2. General day-to-day maintenance and periodical maintenance.
3. Battery maintenance.
4. Tyre maintenance and tube vulcanizing.
5. Checking wheel alignment.
6. Brake Adjustment.
7. Accelerator, brake.
8. Observation of dash-board meters

K. FIRST - AID

1. Introduction to first-aid.
2. Outline of first-aid.
3. Structure and functions of the body.
4. Dressings and bandages.
5. The circulation of the blood.
6. Wounds and hemorrhage.
7. Hemorrhage from special region.
8. Stock.
9. Respiration.
10. Injuries to bones.
11. Burning scales.
12. Unconsciousness (insensibility)
13. Poisons.

K. PHANINDRA REDDY
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

//TRUE COPY//


SECTION OFFICER

1/3/2023.

