

GOVERNMENT OF PUDUCHERRY

Abstract

Motor Vehicles – Act & Rules – Introduction of E-rickshaw Scheme in Puducherry – Policy Guidelines/ Procedural guidelines for Licensing/ Registration/Fitness/ Grant of permit for E-rickshaw/ Syllabus for imparting instructions in driving E-rickshaw – Issued.

TRANSPORT SECRETARIAT

G.O. Ms. No. 25 /Tr. Sectt./2015

Puducherry, dated the 09.12.2015

- READ:**
1. F.No.DC/OPS/TPT/225/2014/II/8401-24, dated 03.02.2015 of Transport Department, Delhi.
 2. Agenda No.2.1 of Minutes of STA meeting held on 30.11.2015

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POLICY GUIDELINES/ PROCEDURAL GUIDELINES FOR LICENSING/ REGISTRATION/ FITNESS/ GRANT OF PERMIT OF E-RICKSHAW/ SYLLABUS FOR IMPARTING INSTRUCTIONS IN DRIVING E-RICKSHAW

1. The Ministry of Road Transport & Highways vide notification G.S.R.709(E) dated 08.09.2014 has notified E-rickshaw and E-cart as separate categories of transport vehicles. As per the notification G.S.R.709(E), dated 08.10.2014, of the Ministry of Road Transport & Highways, New Delhi and Section 2A of Motor Vehicle (Amendment) Act 2015 read with notification dated 20.03.2015 " E- rickshaw means a special purpose battery powered vehicle of power not exceeding 4000 watts, having three wheels for carrying goods or passengers, as the case may be for hire or reward, manufactured, constructed or adapted to carry not more than 04 passengers, excluding the driver, and not more than 40 Kilograms luggage in total, equipped and maintained in accordance with specification as may be prescribed in this behalf and the maximum speed of the vehicle is not more than twenty-five kilometer per hour."

2. E-rickshaw has been created as separate category under Motor Vehicles Act and being promoted for replacing manual labored rickshaw, creating respectful livelihood opportunities for poor manual rickshaw pullers and facilitate movement of cleaner-fuelled, affordable vehicles which can provide last mile connectivity. This will also help in providing women and differently-abled person opportunities for engaging in meaningful employment.

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3. The E-rickshaws or e-carts are a new vehicle category not be grouped with three-wheeled auto rickshaw or any other similar vehicle as the purpose of these vehicles is to provide last mile connectivity. The eligible persons to operate these vehicle require training in road traffic rules & signs and driving such vehicle.

4. In pursuance of the notifications GSR 709(E) dated 08.10,2014, GSR 27(E) dated 13.01.2015, S.O.2590 (E) dated 08.10.2014, G.O.Ms.No.15/Tr.Sectt./2015, dated 17.06.2015 and the Motor Vehicles (Amendment) Ordinance, 2015 No.(3 of 2015) dated 20.03.2015, the Government of Puducherry has decided to introduce operation of e-rickshaws in Puducherry. These non-polluting battery operated vehicles are proposed to be operated within the Boulevard limits on pilot basis. It has also been decided to give permission to only those vehicles which are owned by the drivers of such vehicles themselves under Chapter V of the Motor Vehicles Act 1988.

5. Consequent to the above and based on guidelines issued to similar e-rickshaws in the National Capital Territory of Delhi, the Transport Department, Puducherry has made the following procedural guidelines for granting licence to drive E-rickshaw, grant of badge, certificate of fitness, registration of E-rickshaws and grant of permit. It is decided that the applicant shall apply to the licensing authority/registering authority in whose jurisdiction he/she resides along with requisite documents.

(A) GRANT OF LEARNER'S LICENCE TO DRIVE E-rickshaw

- (I) Application-cum-declaration as to physical fitness in Form-1.
- (II) Medical Certificate in Form-1A.
- (III) Application for grant of Learner's Licence in Form-2.
- (IV) Proof of residence.
- (V) Proof of age.
- (VI) Applicant must have completed 20 years of age.
- (VII) Appropriate fee as specified in Rule-32 of C.M.V.R 1989
- (VIII) Sub- section(1) of Section 7 .i.e. "No person shall be granted a learner's licence to drive a transport vehicle unless he has held a driving licence to drive a light motor vehicle for at least one year" is not applicable to E-rickshaw (as per amendment to M.V. Act 1988, dt.20.03.2015)

NOTE: No Learner's license shall be issued to any applicant unless he passes to the satisfaction of the Licensing Authority such test as may be prescribed by the Central Government.

(B) GRANT OF PERMANENT DRIVING LICENCE TO DRIVE E-rickshaw

After 30 days of issuance of learner's license & before its expiry, the applicant may apply to the Licensing Authority in whose jurisdiction he/she resides and shall be accompanied by following documents/forms duly filled in.

- (i) Application for grant of license to drive an E-rickshaw in Form-4.
- (ii) An effective Learner's License (Original).
- (iii) Appropriate fee as specified in Rule-32 of C.M.V.R 1989
- (iv) A certificate with unique serial number issued by the registered E-rickshaw or E-cart association, or a manufacturer producing E-rickshaw or E-cart, as the case may be to the effect that the applicant has undergone a training at least for a period of ten days as GSR27(E) dated 13.01.2015.

- NOTE:**
1. The applicant appearing for the driving test, has to come with an E-rickshaw which has the letter "L" painted on a plate/card in Red on a white background both in the front and back.
 2. On successful passing of test of competence prescribed in Rule 15 of C.M.V.R.1989, a driving license to drive an E-rickshaw on a specified area/route will be given to the applicant.
 3. Syllabus for imparting instructions for driving instructions for driving of E-rickshaw is enclosed.

(C) AUTHORISATION TO DRIVE TRANSPORT VEHICLES(BADGES)

The applicant shall apply to the licensing authority in which he/she resides and shall be accompanied by following documents/forms duly filled in.

- (i) Application for issue of Badge in Form- ATVA
- (ii) Proof of residence.
- (iii) An effective Learner's License copy.
- (iv) Antecedent's verification Certificate of applicant.(issued by Police Department)
- (v) Appropriate fee as specified in CMV Rules.
- (vi) The applicant need not wait for one year to drive a E- rickshaw.(transport vehicle)

NOTE: The Badge shall be issued only after antecedents and character verification from the Police department, Puducherry Region and on production of an effective driving license to drive E-rickshaw.

(D) DOCUMENTS REQUIRED FOR REGISTRATION OF AN E-rickshaw:

(I) For new E-rickshaw

The applicant shall apply to the licensing authority in which he/she resides and shall be accompanied by following documents/forms duly filled in.

- (i) Application for registration in Form-20.
- (ii) Sale Certificate in Form-21 (from manufacturer/dealer)
- (iii) Certificate of Roadworthiness in Form-22,(from manufacturer)
- (iv) Manufacturer's Invoice.
- (v) Dealer's Invoice.
- (vi) Proof of residence.
- (vii) Certificate of Insurance/Cover note.
- (viii) Certificate of Fitness.
- (ix) Antecedent's verification of vehicle owner from Police Department, Puducherry Region.
- (x) Effective Driving License to drive an E-rickshaw.
- (xi) Effective Public Service Vehicle (PSV) Badge authorizing to drive an E-rickshaw.
- (xii) Appropriate fee as specified in Rule-81.
- (xiii) One time Road Tax(if applicable)

(II) CERTIFICATE OF FITNESS

The certificate of fitness to E-rickshaws shall be issued in Form-38 as prescribed in Central Motor Vehicles Rule, 1989. The inspecting authority shall physically verify the vehicle with the details as specified in technical specifications endorsed by the testing agency that it truly represents the vehicle model approved by the designated testing agency and complies with relevant provisions of Central Motor Vehicle Rule, 1989.

(III) DOCUMENTS REQUIRED FOR ISSUANCE OF PERMIT TO E-rickshaw

The applicant shall apply to the licensing authority in which he/she resides and shall be accompanied by following documents/forms duly filled in.

- (i) Application for grant of Permit in Form-P.Co.C.(with photograph)
- (ii) Effective Registration Certificate.
- (iii) Effective Driving License to drive an E-rickshaw.
- (iv) Effective PSV Badge to drive an E-rickshaw.
- (v) Details of Bank Account.
- (vi) PAN/Voter I-Card.
- (vii) Proof of residence.

- (viii) Appropriate fee as specified in Central Motor Vehicles Rules 1989.
- (ix) An undertaking from the applicant to the effect that he/she is not in possession of a Public Service Vehicle with a permit.

(E) Syllabus for imparting instructions in driving of E-Rickshaw

As per the GSR 27(E) dated 13.01.2015 each trainee is required to undergo at least 10 days training for driving E-rickshaw. The actual driving hours for trainees in driving E-rickshaw shall not be less than five hours in pursuance of the above, the following subject matter shall be covered during such training:-

A. Driving Theory	
1. Know your vehicle	<ul style="list-style-type: none">• Simple introduction to traction battery, traction motor power controller and their working.
2. Vehicle control <ul style="list-style-type: none">• (i) Foot controls• (ii) Hand controls• (iii) Other controls	<ul style="list-style-type: none">• Foot brake,• Handle Bar, Hand brake, parking brake, Horn, Light, Ignition switch, starter, dipper and indicators,• Rear-view mirror(right and left side)• Side indicators
3. Pre-driving Check	<ul style="list-style-type: none">• Before sitting on driver's seat and• (ii) After sitting on driver's seat.
4. Beginning to drive	<ul style="list-style-type: none">• Precautions just before moving.• While moving, Stopping and Braking,• Accelerator(gradual/sudden)• Traffic sense, road sense, judgement• Parking and positioning according to road users,• Reversing.
5. Driving on the road	<ul style="list-style-type: none">• Anticipation, judgment, and road positioning according to other road users.

6. Driving on the road	<ul style="list-style-type: none"> • Mirror Signal and Manoeuvres (MSM) and Position Speed and Look(PSL). Zone of vision.
7. Manoeuvres	<ul style="list-style-type: none"> • Merging and diverging manoeuvres-turning manoeuvres to left, right, and U-turn, overtaking stationary vehicle, moving vehicle in left side and right side.
8. Reversing	<ul style="list-style-type: none"> • Locating reverse gear in sitting position, speed control.
9. Parking	<ul style="list-style-type: none"> • Parallel, angular, perpendicular parking facing uphill, parking facing downhill, common errors.
10. Driver's responsibility on the road	<ul style="list-style-type: none"> • Driving behavior, consideration for other road-users, courtesy and competitiveness, over-confidence, impatience and defensive driving.
11. Qualities of a good driver	<ul style="list-style-type: none"> • Patience, responsibility, self-confidence, anticipation, concentration, courtesy, defensive driving, knowledge of road rules/regulations. Knowledge of vehicle controls, maintenance and simple mechanism.
12. Priority for certain vehicles	<ul style="list-style-type: none"> • Emergency vehicles, Fire engines and Ambulance.
13. Defensive driving techniques	<ul style="list-style-type: none"> • Judgment • Anticipation • Escape route.
14. Night driving	<ul style="list-style-type: none"> • Location of head light switch • Procedure • Obligation to light the lamps, • Restriction on lighting the lamps
15. Emergency manoeuvres	<ul style="list-style-type: none"> • Prevention is better than cure in case of skidding, horn stuck • Fire, wheels coming out • Brake failure • Burst of front tyre • Sudden obstruction in front of the vehicle • Brake failure during down the slope.
16. Driving under special conditions	<ul style="list-style-type: none"> • In wet weather • In dawn, dusk and misty roads • In dense traffic.

B. Traffic Education	
1. Driving regulations	<ul style="list-style-type: none"> • Road use regulations made under section 118 of the Motor Vehicle Act, 1988
2. Hand signals	<ul style="list-style-type: none"> • Stop, right turn, left turn, overtaking, slow down.
3. Traffic signals	<ul style="list-style-type: none"> • Schedule of Motor Vehicle Act, 1988
4. Hand signals of Traffic Constables/ Traffic warden	
5. Introduction to automatic light signals.	<ul style="list-style-type: none"> • Understanding the order of yellow, green & red light and what these lights convey. • Blinking of yellow light • Blinking of red light
6. Introduction to road markings.	<ul style="list-style-type: none"> • White line: continuous and broken • Yellow line • Lane marking • Zebra-crossing • Stop line • Parking marking • Sense of road singles.
7. Speed regulations on city roads	<ul style="list-style-type: none"> • On congested road • At traffic junctions (manned & unmanned) • At stop line
8. Parking at objectionable places	<p>Don't park vehicle</p> <ul style="list-style-type: none"> • At or near a road crossing, a bend, top of a hill or a humpbacked bridge; • On a foot- path; • Near a traffic light or pedestrian crossing; • In a main road or one carrying fast traffic; • Opposite another parked vehicle or as obstruction to other vehicle; • Alongside another parked vehicle; • On roads or at places or road where there is a continuous white line with or without a broken line;

	<ul style="list-style-type: none"> • Near a bus stop, school or hospital entrance or blocking a traffic sign or entrance to a premises or a fire hydrant; • On the wrong side of the road; • Where parking is prohibited; • Away from the edge of the footpath
9. Some important provisions of the Motor Vehicles Act, 1988	Sections 112,113,121,122,123,125,126,131,132,134,185,186,194 and 207 of the Motor Vehicle Act, 1988.
10. Know about vehicle registration Plate.	<ul style="list-style-type: none"> • State code, Authority code and number
11. Test of competence to drive E-Rickshaw	<ul style="list-style-type: none"> • Sub-rule(3) of rule 15 of Central Motor Vehicle Rules 1989.
12. Traffic island	<ul style="list-style-type: none"> • Types of roundabouts • Channelisers, median
13. Road Junctions	<ul style="list-style-type: none"> • Principles and types. • T junctions • Y junctions • Controlled junctions • Uncontrolled junctions
14. Lane selection and lane discipline.	<ul style="list-style-type: none"> • Drive in a proper lane and change only after giving proper signal
15. Accidents	<ul style="list-style-type: none"> • Types of accidents • Causes accidents • Preventive methods • Driver's duties and responsibilities on the occurrence of accidents.
16. Important provisions in Motor Vehicle Act, 1988(59 of 1988), Central Motor Vehicle Rules, 1989, and the State Motor Vehicle Rules.	<ul style="list-style-type: none"> • Certain definitions • Driving license and its renewal • Certificates/documents to be carried in a vehicle and production of such document on demand by checking office. • Traffic offences and penalties stipulated under the Act and Rules.

C. Vehicle Mechanism and Repairs	
1. Layout of vehicle	<ul style="list-style-type: none"> • Brakes, parking brakes, location of traction battery, traction motor, power controller and charger
2. Suspension system	<ul style="list-style-type: none"> • Purpose • Springs • Leaf spring, shackle and shackle Pin • Shock absorber and its bushes
3. Brakes system	<ul style="list-style-type: none"> • Purpose • Brake maintenance and adjustment
4. Electrical System	<ul style="list-style-type: none"> • Traction Battery and its condition, electrolyte level, charging of battery. • Proper locking of battery terminals and cleaning thereof. • Head lights, rear lights, brake lights, reverse lights, indicators, horn • Lights-Knowledge to read the charging rate in the Ampere meter.
5. Tyres	<ul style="list-style-type: none"> • Maintenance • Effects of under inflation/over inflation • Effect of defective tyres
6. Instruments cluster, dash board meters.	<ul style="list-style-type: none"> • Their purposes and functions.
7. Maintenance and cleaning of vehicle	<ul style="list-style-type: none"> • Greasing and oiling as per recommendation of manufacturer • Seats • Body pain, protection of sharp corners/edges. • Proper looming and insulation of electric wires.

D. Public relations for drivers and gender sensitization

Some basic aspect about ethical and courteous behavior with other road users. Assist the senior citizen and differently abled persons. Due respect the women, not to pass lewd remarks and unexpected gesture.

E. Fire-Hazards

Fire-fighting and prevention methods on vehicle

F. Vehicle maintenance

1. Factors affecting the vehicle parts due to bad and negligent driving.
2. General day-to-day maintenance and periodical inspection.
3. Battery maintenance.
4. Brake maintenance.
5. Observation of dash-board meters.
6. Greasing and lubrication.
7. Maintenance of lights, indicators.