

C1/5803/TC/13

Transport Commissionerate,  
Kerala, Thiruvananthapuram  
Dated: 12.03.2013

**CIRCULAR NO. 04/13**

Sub: - Motor Vehicles Department - Driving Licenses - Conduct of test of competence through Automatic Driver Testing Tracks - Procedures and instructions issued - reg.

Ref: - 1. This office Circular No. 16/98 dated 02.06.1998  
2. This office Circular No. 20/98 dated 25.07.1998

Directions were issued from this office vide circular No. 20/98 that the test for LMV, Two Wheeler and Three Wheeler will be in two parts. Part I is the Ground test and Part II is the Road test. The Part I ground test for LMV is to be in an H - track and in an 8 - track for two wheeler and three wheeler. The specifications of the H and 8 tracks are specified in appendix A and B of the said circular.

Due to the phenomenal increase of motor vehicles on our roads, the quality of driving is gaining more and more importance. It is very crucial to examine the driver's skill and his knowledge in traffic rules thoroughly before the issue of driving license. Rule 15 of the Central Motor Vehicles Rules deals with driving tests.

With a view to improve the quality and transparency in conducting driving tests, and as a part of the modernization of the department and implementation of e-governance activities, the department has decided to set up Automated Driver Testing Tracks for LMV, Motor cycle and 3 wheelers. One of such testing station has been established and is functioning at Chevayoor, Kozhikode.

Sub-rule (3) says that the applicant shall satisfy the person conducting the test that he is able to perform the matters prescribed in clauses (a) to (x). Clause (f) of the above sub rule read as 'stop and re-start the vehicle on a steep upward incline making proper use of the hand brake or throttle and the foot brake without any rolling back, turn right and left corners correctly and make proper use of the rear

view mirror before signaling'. Clause (k) read as 'in the case of vehicle having a reverse gear, driving the vehicle backwards, reverse it into a limited opening either to the right or left under control and with reasonable accuracy'. To examine the driver's skill as specified above, a gradient track and a parking track are necessary in addition to the existing H track in the case of LMV. Therefore the station set up at Kozhikode consists of an H- track, Gradient track and Parking track for conducting Part I test of LMV and an 8- track for conducting Part I test of two and three wheeler. The Video Analytics based monitoring system in the testing system will analyze and evaluate the driving competence of the candidate objectively without human intervention and generate the recorded evidence automatically. The specifications of H- track, Gradient track and Parking track for LMV is given in Annexure - I and the specification of 8 - track for two and three wheeler is given in Annexure - II.

Now for the purpose of testing the candidate in automated driver testing track, it is decided to modify the clause 3 of the circular and the specifications of H and 8 tracks. The part I ground test for LMV shall consist of three parts namely (a) H track, (b) Gradient track and (c) Parking track as specified in Annexure - I. Candidates who pass the tests in all the three tracks will be qualified in the Part I test of LMV. If he/she fails in any item he/she shall be retested in that test only. If the candidate fails in test (a) he/she need not be tested in test (b) or (c).

In the case of two and three wheelers, the existing 8- track needs some modifications in the dimensions so as to turn the vehicle in its minimum turning radius. Part - I ground test for two and three wheelers will be in an 8 - track as specified in Annexure - II.

There is no change in Part II road test specified in circular 20/98 except the items 5 and 10 in the case of LMV.

The purpose of each test track is detailed below

#### **H- Track ( LMV)**

The H track is for testing the ability and accuracy of a candidate to turn the vehicle left and right in forward and reverse gear in a limited space. When turning



and reversing simultaneously, the front of the vehicle will swing wide and the driver should look over his shoulders for best view. This track is also intended for testing the ability in positioning of vehicle before and after turning to the left or right.

### **Gradient track (LMV)**

The gradient track is for testing the ability of a driver to stop and restart the vehicle on a steep upward incline making proper use of hand brake/ accelerator, foot brake and clutch without any rolling back as specified in CMV Rule 15(f).

### **Parking Track (LMV)**

The Parking track is for testing the ability of a driver to park the vehicle in a parking area and to drive the vehicle backwards, reverse in to a limited opening as specified in CMV Rule 15 (k).

### **8 - Track (Two wheeler and Three wheeler)**

The 8- Shaped driving test track is to assess the ability of a driver on left and right steering, sharp turning and negotiating roundabouts. The track is designed in conjunction with the minimum turning radius of motor cycles and 3-wheelers.

#### **DRIVING TEST PROCEDURES**

##### **H TRACK**

1. The candidate shall start from point A and return back to point A, movement being A->B in forward gear, B->C in reverse gear, C->D in forward gear and D->A in reverse gear.

##### **GRADIENT TRACK**

1. The candidate shall stop the vehicle on the gradient within the stop lines.
2. Re-start and drive the vehicle by using Accelerator/Hand brake, Clutch and Foot brake without rolling back for more than 10 cm.

##### **PARKING TRACK**

1. The candidate shall park the vehicle in an angular parking track by driving backwards.

##### **8 TRACK**

1. The candidate shall start from point A and return back to point A, movement



being A->B->C->D->E->F->G->A, in forward gear.

*A pictorial representation of the procedures is attached as Annexure III.*

#### **FAIL PARAMETERS**

##### **H TRACK**

1. Vehicle goes outside the track.
2. Vehicle touches the poles fixed on the track.
3. Vehicle stops during the course of driving.

##### **GRADIENT TRACK**

1. Vehicle roll back in excess to the allowance provided.

##### **PARKING TRACK**

1. Vehicle goes out of the track

##### **8 TRACK**

1. Vehicle goes outside the track.
2. The candidate puts his/her foot on the ground while driving (for 2/W).
3. Vehicle stops during the course of driving.

*A red dot represents the fail parameters and would be marked in the test sheets of the candidate if he/she commits a mistake. If any fail points are marked in the test sheet, the candidate will fail in Part I of the test.*

#### **CANDIDATE ENTRY PROCEDURE**

- Stage 1 Candidate appears before the Officer and submits the application for driving license
- Stage 2 The Officer shall check the validity and other details in the Learner's License application. (The details will be fetched from the central server of the Department by barcode scanning.)
- Stage 3 After successful verification, the officer will issue a token/queue number to the candidate.
- Stage 4 The candidate shall wait in the waiting room and on calling his token number, shall proceed to the driver testing track with his vehicle.

- Stage 5 At the entry of the track, a red signal will be displayed. The officer shall take the photo of the candidate with his vehicle using the system camera.
- Stage 6 A green signal will be displayed and the candidate can proceed to the next stage with his vehicle.
- Stage 7 Two wheelers and Auto rickshaws shall proceed to the 8 track. Light Motor Vehicles shall proceed to H track first, then to Gradient track and then to Parking track.
- Stage 8 After the test is complete, the test report generated by the system shall be provided to the candidates.

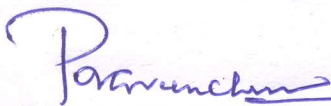
*A pictorial representation of the procedures is attached as Annexure IV.*

Only the candidates who have qualified in the Part I ground test in the respective class of vehicle will be eligible for the Part II (Road) test. The above instructions shall be followed in all Automated Driver Testing Tracks established/to be established in the State. This will come into force with effect from 01.05.2013 onwards.

Sd/-

TRANSPORT COMMISSIONER

Approved For Issue

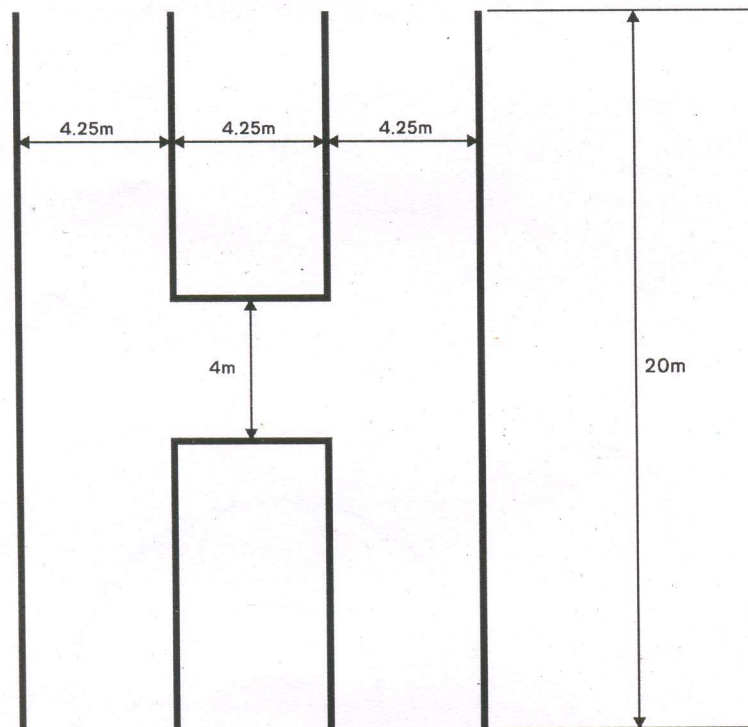
  
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## Annexure - I

**A - Track**

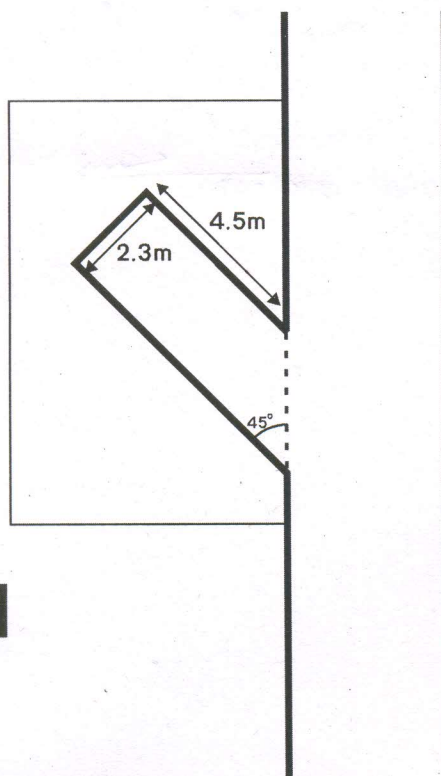


**H - Track for LMV**

**B - Track**

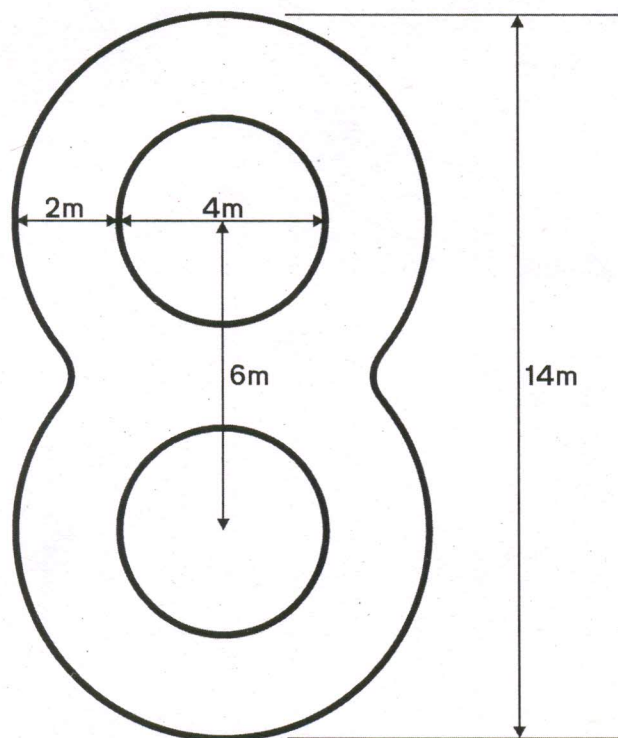
**Gradient Track for LMV (1 in 10)**

**C - Track**



**Parking Track for LMV  
(angular parking)**

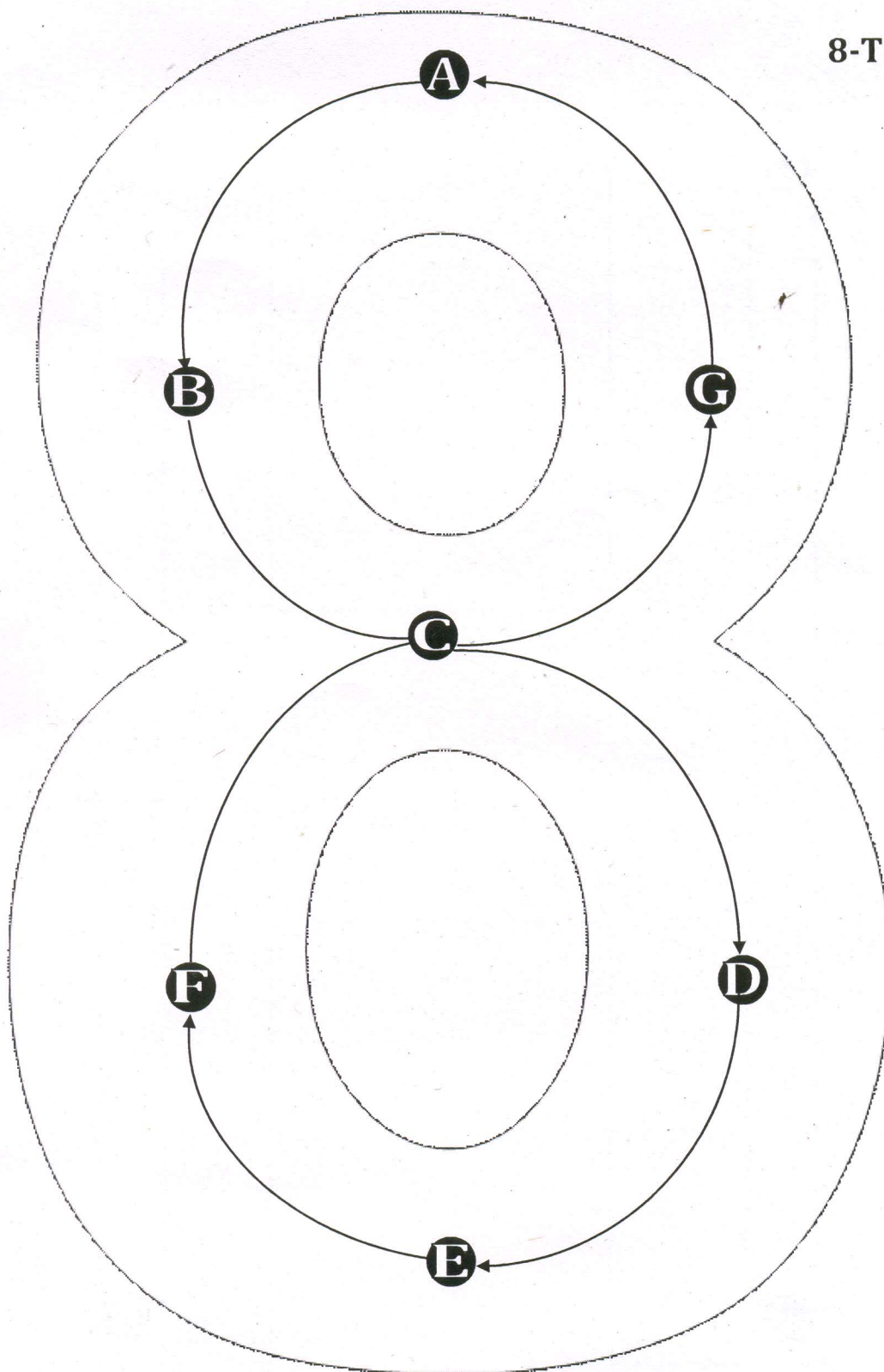
**Annexure - II**



**8 - Track for Three wheeler and Motor cycle**

ANNEXURE III

8-TRACK

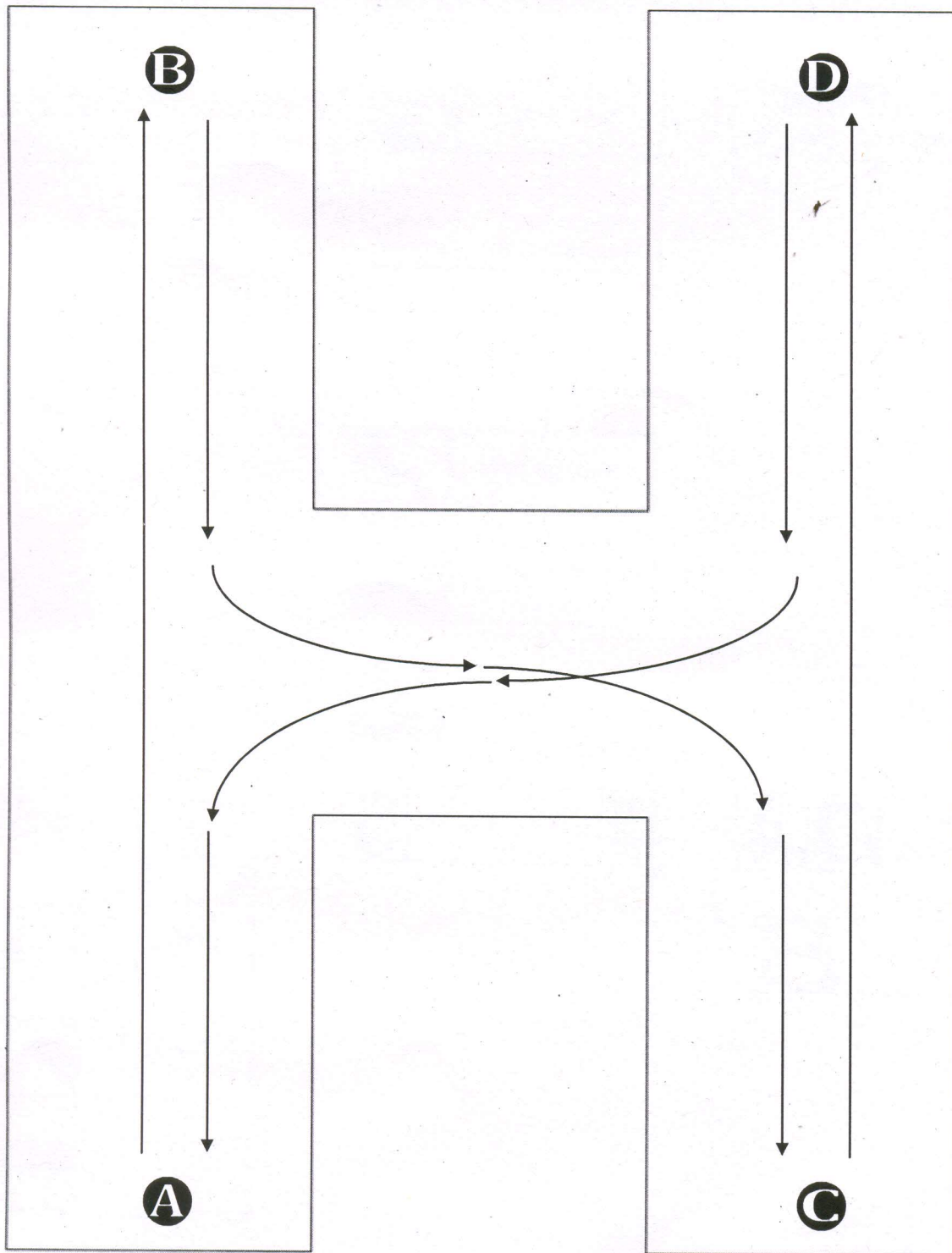


**A → B → C → D → E → F → C → G → A**



ANNEXURE III

H-TRACK



# ANNEXURE IV

