

MODERN DRIVER TESTING SYSTEM

PREVENT
CRASHES

SAFETY

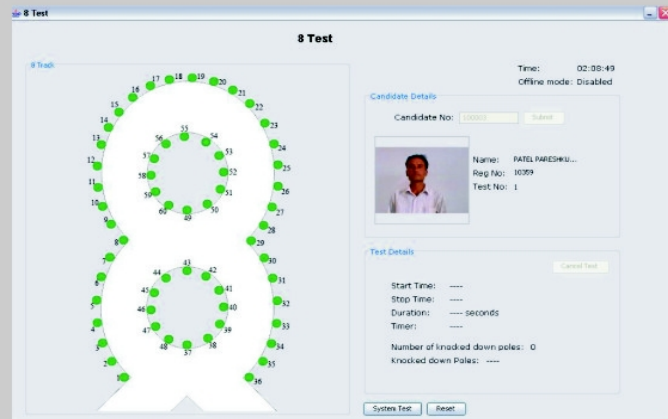
SAVE LIVES



Safe Drive, Stay Alive...

1) The Forward '8' Test:

In this test, the candidate should drive the bus, within a specified time, in the forward direction, on a tracked shaped like the number eight. As the bus crosses the Start Line, an Optical Sensor will be activated and the timer in the dedicated computer will start. When the bus crosses the Finish Line another Optical Sensor will be activated, the test is completed.



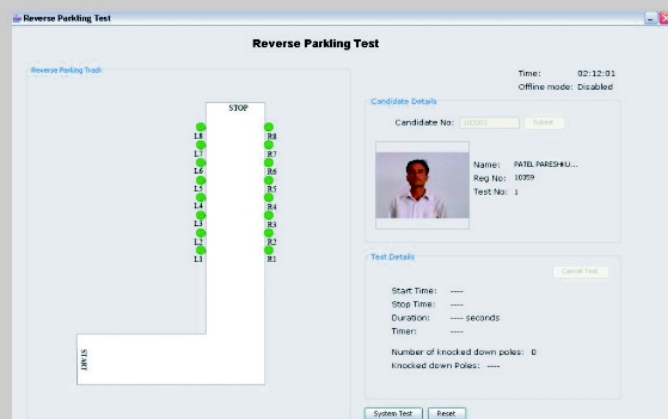
2) The Reverse 'S' Test :

In this test, the candidate is expected to drive the bus, in reverse direction, on a track shaped like the English alphabet 'S'. When the bus crosses the Start Line, an Optical Sensor will activate the timer in the dedicated computer. When the bus crosses the Finish Line another Optical Sensor will deactivate the timer in the dedicated computer and the test is marked as completed.



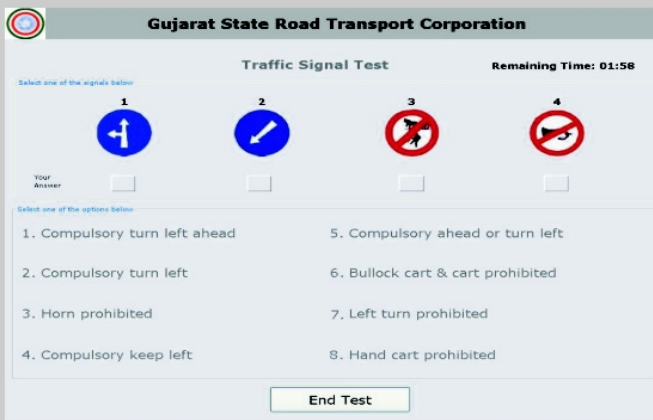
3) The Reverse Parking Test :

In this test, the candidate is expected to drive the bus, in reverse direction and park the bus in the specified place. When the bus crosses the Start Line, an Optical Sensor will activate the timer in the dedicated computer. When the bus crosses the Finish Line another Optical Sensor will deactivate the timer in the dedicated computer and the test is marked as completed.



4) Up-Gradient Test :

In this test, An assembly consisting of 7 digitally addressable optical sensors will be used to monitor any forward or backward movement of the bus. As the candidate starts the bus, the dedicated computer for the test will monitor any backward movement of the bus. When the bus has moved forward and crossed the finish line, the test will be treated as completed.



5) Traffic Signals Test :

The system will contain a database of 36 mandatory road signals. The system will pick any 4-road signals from the database and display it to the candidate along with 8 options, of which 4 answers will be correct. The candidate has to match the symbol with the correct answer in the options provided, within the specified time.

6) Candidate Verification Form :

Candidate Verification

Registration Information

Registration No:

Height: cms

Weight: kgs

BMI:

Personal Information

Candidate Name:

Address:

Cast:

Licence Number:

7) Final Result Sheet :

GSRTC	
DRIVER TEST RESULT	
Registration No: 3006	Candidate No: 100006
Candidate Name: JOSHI BHAVESH PRAVINBHAI	
Marks Obtained Total Marks: 49/50	Test Date: 10/11/2009
Gradient Test	
Marks Obtained/Max Marks	10/10
No. of Backward Movement (in inches)	0
0 Test	
Marks Obtained/Max Marks	0/10
Time Consume (in Sec)	95
Serial Number of Post knocked down	2,3,4,5,7,8
Counts of Poles knock down	6
S Test	
Marks Obtained/Max Marks	14/14
Time Consume (in Sec)	90
Serial Number of Post knocked down	
Counts of Poles knock down	0
Reverse Parking Test	
Marks Obtained/Max Marks	10/12
Time Consume (in Sec)	102
Serial Number of Post knocked down	
Counts of Poles knock down	0
Signal Test	
Marks Obtained/Max Marks	4/4
Marks Obtained Total Marks: 49/50	
Signature of Candidate	Signature of Examiner

Objective:

The objective of this system is to standardize and automate the procedure of evaluating the driving skill of a bus driver as well as four wheeler driver. The subjective opinion of an examiner is eliminated with this system. The same yardstick will assess every candidate. The ability to drive a bus on different types of roads is checked.

Salient Features

- a. Special Tracks
- b. A system of sensors embedded in the tracks
- c. Computer system to receive information from the sensors to monitor the bus movement to be within the specified boundaries of the track.
- d. It also monitors the time taken to drive the bus from the specified start and stop positions.
- e. The system awards marks automatically.
- f. On completion of all the tests, the results are printed and handed over to the candidate immediately.
- g. The results generated are also stored in a database for future reference.
- h. Save lives - Reduce Injuries.
- i. Control driver performance
- j. Minimize Risk & Liability.

Application Areas:

- a. RTO
- b. State Transport
- c. Driving School
- d. Tour & Travels Agency
- e. Municipal Transport
- f. School Bus

Other Products which Saltriver offer in Transport System:

- a. Vehicle Tracking Solutions
- b. SMS / IVR based time attendance system
- c. Passengers Information Management System
- d. 3G Wifi Routers
- e. Bus Ticketing System
- f. Remote Surveillance Solutions

Developed By

SALTRIVER INFOSYSTEMS Pvt. Ltd.

B-11, Premium House, Opp. Gandhigram Rly. Station, Ellisbridge, Ahmedabad - 380 009. India.

Phone : +91 79 26580392 Visit: www.saltriver.com email : sales@saltriver.com