CLINICAL

TESTING SYSTEM

TecknoSIM Clinical Testing System is a computerized & simulated testing system designed to test & assess drivers . Not everyone on the roads drives well and safely. This unique system helps in identifying certain weakness of driver's fitness levels & driving-specific ability through a range of psychological tests.

TecknoSIM Clinical Testing System is the outcome of many years' development and constant updating. It is continuously refined and updated through input from our re-search departments.

Standardized, objective and fair

This computer-based test format offers standardized content, administration and scoring that guaranties that the assessment of each and every candidate is objective and fair.

Flexible and mobile

The tests can be run on any computer and so can be used on a mobile basis. All the tests are worked using the TecknoSIM Response Panel that can be conveniently carried or transported from one location to another

TecknoSIM Clinical Testing System includes the following tests:

1. Anticipation Test
2. Reaction Test
3. Driving Aptitude Test (Complex Reaction)
4. Color Blindness Test
5. Vision Test
6. Judgement Test (Hand Eye Coordination Test)

TecknoSIM Clinical Testing Station includes the following

1. Desktop computer
2. Head Phones
3. Response Panel
4. Steering wheel and Pedal Set

Anticipation Test:

Anticipation Test: To test the drivers skills of anticipating the speed of an oncoming vehicle/hazard

In this test the simulated car passes through the tunnel . The driver needs to anticipate when will the car reach the end of the tunnel. The driver is required to press brake to stop the car just at the end of the tunnel.

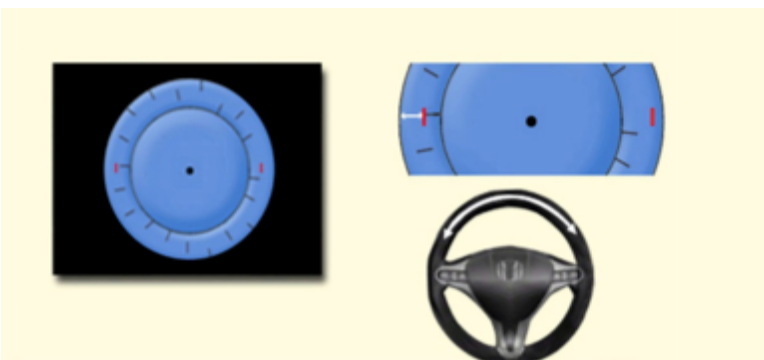His scores will be displayed at the end of the test on the screen.

Judgment Test:

Objective: To test the drivers peripheral view / focus on the road on both sides of the vehicle/ machine

In this test the candidate is tested on his peripheral view and maneuvering skills. He is required to skillfully maneuver the entire wheel without hitting the obstacles

The driver's results are displayed on the screen at the end of the test

Reaction Test :

Objective: To test the reaction time/ response time of the driver

This module tests the alertness and response time of the candidate. Reaction time involves the ability to respond to one or more stimuli as quickly and accurately as possible. Adequate reaction speed is essential when driving, since when an incident occurs suddenly even milliseconds may count – for example, if a pedestrian unexpectedly crosses the road and rapid braking is needed.

At the end of the test his average reaction / response time with accuracy levels are recorded and displayed on the screen.

Driving Aptitude Test:

Objective: This test is designed to test the drivers driving aptitude levels .

This is a combination test of Reaction Test and Judgment Test where the driver's coordination of hand ,eye and foot are tested.

 In this test , the simulated vehicle will move forward on an autopilot .. There will be multiple objects displayed on the screen & driver is required to react to the same & maneuver the vehicle , without touching them or crashing them . The test increases in level of difficulty
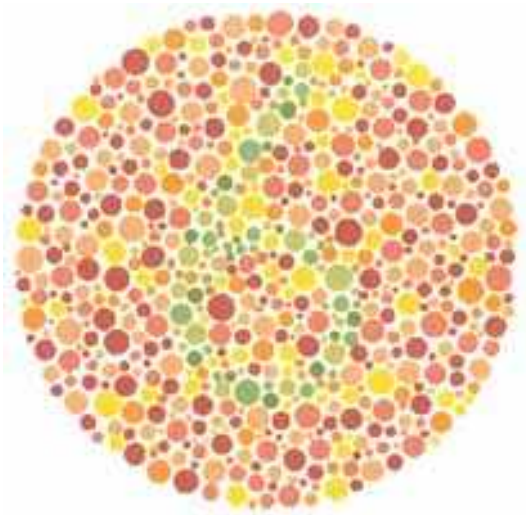
The driver's records will be displayed on the screen at the end of the test

Colorblindness Test :

Objective: This test is designed to check the drivers capability on distinguishing colors .

The simulator will test the candidate's efficiency to distinguish between colors. 10 questions will be displayed on the screen each having three options. The candidate needs to identify the colors correctly and answer the questions . The results displays the abnormalities ,if any.

Vision Test:

Objective: This test is designed to check the candidate's vision to ablilty to read instructions

The Vision test will measure the drivers ability to see details at near and far distances. The object will appear on the screen . The candidate will have to identify the correct number displayed screen and answer correctly

The results detect the accuracy and abnormalities if any.