

(PREVIEW)

*Indian Standard*

# AUTOMOTIVE VEHICLES - INSTRUMENT SYSTEMS - ELECTRICAL SPEEDOMETER- PERFORMANCE REQUIREMENTS

**1 SCOPE**

**1.1** This standard covers the requirements for electrical speedometer used in automotive systems working on 6 V/12V/24 V power source. It combines also the rate of distance traveled per unit time measurement.

**1.2** The mechanical type of speedometers are covered in IS 11086 : 1984.

**2 REFERENCES**

The following Indian Standards are necessary adjuncts to this standard:

| <i>IS No.</i>                | <i>Title</i>   |
|------------------------------|--|
| 2500 ( Part 1 ) : 1973       | Sampling inspection tables: Part 1 Inspection by attributes and by count of defects ( <i>first revision</i> )  |
| 9000 ( Part 2/Sec 3 ) : 1977 | Basic environmental testing procedures for electronic and electrical items: Part 2 Cold test, Section 3 Cold test for non-heat dissipating items with gradual change of temperature        |
| 9000 ( Part 3/Sec 3 ) : 1977 | Basic environmental testing procedures for electronic and electrical items: Part 3 Dry heat test, Section 3 Dry heat test for non-heat dissipating items with sudden change of temperature |
| 9000 ( Part 5/Sec 2 ) : 1981 | Basic environmental testing procedures for electronic and electrical items: Part 5 Damp heat ( cyclic) test, Section 2 12+ 12h cycle   |
| 9000 ( Part 12 ) : 1981      | Basic environmental testing procedures for electronic and electrical items: Part 12 Dust test  |
| 11086 : 1984                 | Speedometers and odometer systems for automotive applications  |