

(PREVIEW)

Indian Standard

SPECIFICATION FOR
ELECTRICAL WIND SCREEN WIPERS

PART I WIPER SYSTEM

0. FOREWORD

0.1 This Indian Standard (Part I) was adopted by the Indian Standards Institution on 23 October 1975, after the draft finalized by the Automobile Electrical Equipment Sectional Committee had been approved by the Electrotechnical Division Council.

0.2 Since left-hand traffic has been adopted in this country, the requirements specified in this standard relate to right-hand drive only.

0.3 This standard deals with the wiper system as a whole and other standards dealing with concerned components are:

IS : 7827 (Part II)-1975 Specification for electrical wind screen wipers:
Part II Wiper motors.

IS:7827 (Part III)- Specification for electrical wind screen
wipers: Part III Wiper arms and blades (*under preparation*).

0.4 In preparing this standard assistance has been derived from SAE J903b (1973) 'Passenger car wind shield wiper system' published by the Society of Automobile Engineers, USA.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard (Part I) deals with the test procedures and minimum performance requirements for wind screen wiping system and wiper blades with a view to:

- a) providing test procedure for testing components for a wiper system for reliability under conditions similar to vehicle installation, and

*Rules for rounding off numerical values (*revised*).

IS : 7827 (Part I) - 1975

- b) indicating the visibility requirements to be achieved after installation in the vehicle (*see* Appendix A).