

(PREVIEW)

IS 14792 : 2000

Indian Standard

IRRIGATION EQUIPMENT – DESIGN, INSTALLATION AND OPERATION OF SPRINKLER IRRIGATION SYSTEMS — CODE OF PRACTICE

FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Irrigation and Farm Drainage Equipment and System Sectional Committee had been approved by the Food and Agriculture Division Council.

The use of sprinkler irrigation systems in this country is increasing at a substantial rate. As the need for recommended practices for systems design and installation has been felt extensively, this standard has been prepared.

This standard has been prepared with two principal objectives. Firstly to give guidance to purchasers on the various aspects of sprinkler irrigation that they must take into account in order that they may be provided with an efficient and economical irrigation system that properly maintained and operated, will give a reasonably long, safe period of useful service. Secondly, to serve as a reference for minimum requirements to be attained by sprinkler irrigation equipment manufacturers and other concerned with sprinkler irrigation systems.

In preparation of this standard assistance has been derived from NZS 5103:1973 'Code of practice for the design, installation and operation of sprinkler irrigation systems', prepared by Standards Association of New Zealand.

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 or analysis, shall be rounded off in accordance with IS 2:1960 'Rules for rounding of numerical values (revised)'. 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 prescribes the procedure for the design, installation and operation of sprinkler systems used for irrigation of agricultural lands, orchards, lawns and land scoped areas