

(PREVIEW)

Indian Standard
**IRRIGATION EQUIPMENT — ROTATING
SPRINKLER**
PART 1 DESIGN AND OPERATIONAL REQUIREMENTS

1 Scope

This part of ISO 7749 specifies the design and operational requirements of rotating sprinklers and sprinkler nozzles for agricultural irrigation equipment and their test methods. It applies to sprinklers intended for assembly in pipeline networks for irrigation and operation at the pressures recommended by the manufacturer.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 7749. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 7749 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7-1 :1994, *Pipe threads where pressure-tight joints are made on the threads — Part I: Dimensions, tolerances and designation.*

ISO 2859-1 : 1989, *Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection.*

ISO 3951: 1989, *Sampling procedures and charts for inspection by variables for percent nonconforming.*

ISO 7749-2: 1990, *Irrigation equipment — Rotating sprinklers — Part 2: Uniformity of distribution and test methods.*