

(PREVIEW)

IS 4839 (Part 1) : 1992

Indian Standard

MAINTENANCE OF CANALS CODE OF PRACTICE

PART 1 UNLINED CANALS

(Second Revision)

1 SCOPE

This standard (Part 1) covers the maintenance and repair of unlined canals.

FOREWORD

This Indian Standard (Part 1) (Second Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Irrigation Canals and Canal Linings Sectional Committee had been approved by the River Valley Division Council.

This standard gives necessary guidance regarding the maintenance of a canal for the assistance of engineers in field. However, it is not possible to cover all types of contingencies in this standard and the discretion of engineer-in-charge would be required in such cases. This part covers maintenance of unlined canals. Part 2 of this standard covers the maintenance of lined canals. Part 3 covers the maintenance of canal structures, drains, outlets, jungle clearance, plantation and regulation.

This standard (Part 1) was first published in 1968 and subsequently revised in 1979. This second revision has been taken up in the light of the comments received from the members. The salient changes made in this revision are as follows: Information relating to

- a) discharge observations has been modified.
- b) Provisions on Roads Ramps have been added.
- c) An alternate method on closing of Breaches has been added.
- d) The note on hydraulic survey has been modified.

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 off 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.