

(PREVIEW)

IS : 9097 – 1979

Indian Standard

GUIDE FOR LAYING LINING OF CANALS WITH HOT BITUMEN OR BITUMINOUS FELTS

1. SCOPE

1.1 This standard provides guidelines for laying lining of canals with: (a) hot bitumen, and (b) bitumen felts.

1.2 These guidelines apply to minor distributaries and minors.

FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 28 February 1979, after the draft finalized by the Canals and Canal Linings Sectional Committee had been approved by the Civil Engineering Division Council.

0.2 For conserving water, preventing water logging and many other purposes, canal systems are being provided with various types of linings. Use of hot bitumen or bituminous felts for canal lining is one of the alternatives.

0.3 Bitumen, a by-product of petroleum industry and well known for its binding and water-proofing qualities is being increasingly used in lining work all over the world. Its main advantage over the conventional materials is that no water is required during construction and no curing is necessary. The structure can be put to use immediately after the construction is over.