

Indian Standard
GUIDELINES FOR
THE QUALITY OF IRRIGATION WATER

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 27 March 1986, after the draft finalized by the Irrigation Equipment and Systems Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 The quality of irrigation water is to be evaluated in terms of degree of harmful effects on soil properties with respect to the soluble salts it contains in different concentrations and crop yield. To evaluate the quality of irrigation water, this standard has been prepared as a guideline for advisory purposes.

0.3 In the preparation of this standard, considerable assistance has been derived from the Central Soil Salinity Research Institute, Karnal and Water Technology Centre, Indian Agricultural Research Institute, New Delhi.

0.4 In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960*.

1. SCOPE

1.1 This standard prescribes the guidelines for assessing the quality of irrigation water.