

Indian Standard

FUNCTIONAL REQUIREMENTS FOR WATER TENDER TYPE 'A' FOR FIRE BRIGADE USE

(Second Revision)

FOREWORD

0.1 This Indian Standard (Second Revision) was adopted by the Indian Standards Institution on 15 March 1983, after the draft finalized by the Fire Fighting Sectional Committee had been approved by the Civil Engineering Division Council.

0.2 Water tenders type 'A' are used in rural areas. This standard was first published in 1959 and revised in 1970. At that time mostly petrol engine driven chassis was used for this type of vehicle which was having payload of 5 tonnes. Even the diesel trucks were used in the transition period, and payload of these chassis increased from 5 tonnes. Keeping in mind 5 tonnes payload of the chassis, water tank capacity was pegged at 2700 litres and other parameters like acceleration were set accordingly.

Keeping in mind the latest trend having the fire engine on diesel driven chassis which are having higher payload, the capacity of water tank is being increased to 3600 litres in this revision. But due to the limited power available from the diesel engine of the chassis, the acceleration figures are being revised.

1. SCOPE

1.1 This standard lays down the requirement regarding material, design and construction, workmanship and finish, accessories and equipment of water tender, type A for fire brigade use.