

Indian Standard
SPECIFICATION FOR
STAINLESS STEEL ROAD ILK TANKERS
(*First Revision*)

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 30 July 1976, after the draft finalized by the Dairy Equipment Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 The road milk tankers are used to transport by road pre-cooled milk in bulk form. The tankers are designed to be mounted on trucks or built on a semi-trailer. Pre-cooled milk is held in these tankers within the required temperature limits for long hauls. The capacity and the type of tanker has to be decided on the basis of the volume of the milk to be moved, the distance to be covered, the weather condition and the road regulations.

0.3 The purchaser is also required to make arrangements for the truck chassis or the semi-trailer, get the drawings and axle loads approved by the local transport authorities, as well as arrange to mount the tanker thereon.

0.4 The overall dimensions of the road milk tanker with accessories shall not in any way infringe the local transport authority regulations in force from time to time.

0.5 This standard covers the tanks made from stainless steel only. Another standard for tanks made of different materials may be formulated later when sufficient data on their suitability are available.

0.6 This standard contains clauses 6.3.1, 8.6, 11.2 and 11.3 which call for agreement between the purchaser and the supplier.

0.7 This standard was first issued in 1963. The various provisions of that standard have come under review of the Dairy Equipment sectional Committee from time to time in view of the multiplicity of capacities and designs due to increased usage of road milk tankers in the country. The present revision has been taken up with a view to bringing the standard up-to-date. In this revision, typical figures and dimensions of road. milk tankers have been included, most desirable capacities have been specified and the various requirements have been made more elaborate. While preparing this revision, Amendment No. 1 to IS : 2492-1963 has also been taken into consideration.

0.8 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*. The number of significant

places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard prescribes the requirements of tanks and fittings for road milk tankers with inner tanks fabricated from stainless steel.

1.1.1 This standard does not cover specification for the truck chassis or semi-trailer, its running gear or its accessories or any parts thereof.