

Indian Standard
SPECIFICATION FOR
STEAM'-JACKETED GHEE PANS
(STAINLESS STEEL
(*First Revision*)

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 23 October 1979, after the draft finalized by the Dairy Equipment Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 Ghee pans are used to make ghee from milk cream or butter by boiling with the help of steam. The construction of ghee pans should be such that the ghee made in it shall have the characteristic aroma, it shall not char and the pan shall meet the hygienic requirements of food processing equipment.

0.3 This standard is intended to give the general requirements of stationary and tilting pans, with three different shapes of bottom generally in use, namely, hemispherical, conical and dished.

0.4 This standard was first published in 1964. In this revision, various provisions have been reviewed and up-dated in the light of latest technological developments in the country. Besides, figures of typical steam-jacketed ghee pans have been included for information and guidance.

0.5 The steam-jacket has been specified to withstand a nominal steam pressure of 300 KPa as this has been found to be sufficient for making ghee from cream and butter.

0.6 The Indian Standards Institution has also published IS : 4767-1968* which gives specifications for pans made of aluminium.

0.7 This standard contains clauses 4.5, 5.2.4, **6.1(h)**, and 6.1(j) which call for agreement between the purchaser and the supplier.

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, 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 for stainless steel steam-jacketed ghee pans.