

(PREVIEW)

IS : 5844 – 1970

Indian Standard

**RECOMMENDATIONS FOR
HYDROSTATIC STRETCH TESTING OF
COMPRESSED GAS CYLINDERS**

1. SCOPE

1.1 This standard describes methods for the hydrostatic stretch testing of cylinders intended for the storage and transport of compressed gases. Two methods, namely, water jacket method and non-jacket method, have been covered.

FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 5 October 1970, after the draft finalized by the Gas Cylinders Sectional Committee had been approved by the Mechanical Engineering Division Council.

0.2 Manufacture, possession, and use of any gas, when contained in cylinders in a compressed or liquefied state, are regulated by the Gas Cylinder Rules, 1940, of the Government of India. This code has been prepared in consultation and agreement with the statutory authorities under these rules.

0.3 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.