

इस्पात नलिकाएँ सरचनात्मक
उपयोगों के लिये — विशिष्टि
(पाँचवाँ पुनरीक्षण)

Steel Tubes For Structural
Purposes — Specification
(Fifth Revision)

ICS 77.140.75; 91.220



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FOREWORD

This Indian Standard (Fifth Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Steel Tubes, Pipes and Fittings Sectional Committee had been approved by the Metallurgical Engineering Division Council.

This standard was first published in 1958 and revised in 1963, 1968, 1979 and 1998, respectively. While reviewing this standard, the Committee has felt it necessary to revise this Indian Standard with the following modifications:

- a) A new Grade YSt 355 has been incorporated.
- b) All amendments have been incorporated.

In the formulation of this standard, due consideration has been given to the trade practices followed in the country in this field. Due consideration has also been given to international co-ordination among the standards prevailing in different countries. Assistance has been derived from the following publications:

ISO 4200 : 1991	'Plain end steel tubes, welded or seamless — General tables of dimensions and masses per unit length', issued by International Organization for Standardization
ISO 10799-1 : 2011 (E)	Cold formed welded structural hollow sections of non-alloy and fine grain steel, Part 1 (for YSt 355 grade)
ISO 12633-1 : 2011 (E)	Hot finished structural hollow sections of non-alloy and fine grain steel Part 1 (for YSt 355 grade)
BS EN 10219-1 : 2006	Cold formed welded Structural hollow sections of non-alloy and fine grain steel (for YSt 355 grade)

This standard contains clauses **6.1.3, 9.1, 10.1** and **11.5.2** which call for agreement between the purchaser and the manufacturer.

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 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

