

(PREVIEW)

*Indian Standard***CAST IRON SINGLE FACED THIMBLE
MOUNTED SLUICE GATES – SPECIFICATION****1 SCOPE**

1.1 This standard covers single faced vertically sliding type cast Iron sluice gates of nominal sizes from 300 to 2 500 mm, suitable for mounting on the flange of cast Iron wall thimble These sluice gates are meant for use for water supply and waste water application

1.1.1 These sluice gates are designed for either seating head or unseating head, or both

NOTE - Gates designed for unsealing head shall quality in all respects the requirements specified for seating head

1.2 Sluice Gates as per this standard in addition to manual may be adapted to electric hydraulic or pneumatic power operation Requirements for actuating gear except in case of manual operation is left to the mutual agreement between the purchaser and the manufacturer

1.3 Sluice gates as per this standard may be of the conventional-closure or of flush-bottom closure type.

2 REFERENCES

2.1 Indian Standards listed in Annex B are the necessary adjuncts to this standard

ANNEX B

(Clause 2.1)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
210: 1978	Specification for grey iron castings (<i>third revision</i>)
226 : 1975	Specification for structural steel (standard quality) (<i>fifth revision</i>)
291 : 1989	Specification for naval brass rods and sections (suitable for machining and forging) (<i>second revision</i>)
306: 1983	Specification for tin bronze ingots and castings (<i>third revision</i>)
318 : 1981	Specification for leaded in bronze ingots and castings (<i>second revision</i>)
6603: 1972	Specification for stainless steel bars and flats
6911: 1972	Specification for stainless steel plate, sheet and strip

7814:1985

Specification for phosphor bronze sheet and strip (*first revision*)

11228: 1985

Recommendations for design of screw hoists

11855: 1986

General requirements for rubber seals for hydraulic gates