

(PREVIEW)

IS 9349 : 2006

Indian Standard

RECOMMENDATIONS FOR STRUCTURAL DESIGN OF MEDIUM AND HIGH HEAD SLIDE GATES

(Second Revision)

1 SCOPE

1.1 This standard provides recommendation for structural design of medium and high head slide gates.

1.2 This standard does not cover bulkhead stoplog gates and hoisting mechanism.

2 REFERENCES

The standards listed in Annex A contain provisions, which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent additions of the standards indicated in Annex A.

ANNEX A

(Clause 2)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
291 : 1989	Machining purposes - Specification (<i>third revision</i>)
305 : 1981	Aluminum bronze ingots and castings (<i>second revision</i>)
306 : 1983	Tin bronze ingots and castings (<i>third revision</i>)
318 : 1981	Leaded tin bronze ingots and castings (<i>second revision</i>)
456 : 2000	Plain and reinforced concrete — Code of practice (<i>fourth revision</i>)
800 : 1984	Code of practice for general construction in steel(<i>second revision</i>)
808 : 1989	Dimensions for hot rolled steel beam, column, channel and angle sections (<i>third revision</i>)
1030 : 1998	Carbon steel castings for general engineering purposes (<i>fifth revision</i>)
1367	Technical supply conditions for threaded fasteners
1570	Schedules for wrought steels for general engineering purposes:
(Part 1) : 1978	Steels specified by tensile and/or yield properties (<i>first revision</i>)
(Part 2) : 1979	Carbon steels (unalloyed steels) (<i>first revision</i>)
(Part 2/Sec 1) : 1979	Carbon steels (unalloyed steels), Section 1 Wrought products (other than wires) with specified chemical composition and related properties (<i>first revision</i>)

(Part 2/Sec 2) : 1987	Carbon steels (unalloyed steels), Section 2 Carbon steel wires with related properties (<i>first revision</i>)
(Part 3) : 1979	Carbon and carbon manganese free cutting steels (<i>first revision</i>)
(Part 4) : 1988	Alloy steels (alloy constructional and spring steels) with specified chemical composition and mechanical properties (<i>first revision</i>)
(Part 5) : 1985	Stainless and heat-resisting steels (<i>second revision</i>)
(Part 6) : 1996	Carbon and alloy tools steel (<i>first revision</i>)
(Part 7) : 1992	Steels for elevated temperature service (creep resistant steels)
1875 : 1992	Carbon steel billets, blooms, slabs and bars for forgings (<i>fifth revision</i>)
1893 : 1984	Criteria for earthquake resistant design of structures (<i>fourth revision</i>)
2004 : 1991	Carbon steel forgings for general engineering purposes (<i>third revision</i>)
2062 : 1999	Steel for general structural purposes — Specification (<i>fourth revision</i>)
2825 : 1969	Code for unfired pressure vessels
3073 : 1967	Assessment of surface roughness
6911 : 1992	Stainless steel plate, sheet and strip (<i>first revision</i>)
8500 : 1991	Structural steel — Microalloyed (medium and high strength qualities) (<i>first revision</i>)
11855 : 2004	Guidelines for design and use of different types of rubber seals for hydraulic gates
12804 : 1989	Criteria for estimation of aeration demand for spillway and outlet structure