

(PREVIEW)

IS 4247 (Part3) : 1998

Indian Standard

CODE OF PRACTICE FOR STRUCTURAL DESIGN OF SURFACE HYDEL POWER STATIONS

PART 3 SUB - STRUCTURE

(Second Revision)

1 SCOPE

This standard (Part 3) lays down general recommendations for the stability analysis of a surface hydel power station and also provides design criteria for its substructure.

2 REFERENCES

The Indian Standards listed below are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
432 (Part I) : 1982	Mild steel and medium tensile steel bars and hard-drawn steel wire for concrete reinforcement: Part I Mild steel and medium tensile steel bars (<i>third revision</i>)
456 : 1978	Code of practice for plain and reinforced concrete (<i>third revision</i>)
457 : 1957	Code of practice for general construction of plain and reinforced concrete for dams and other massive structures
800 : 1984	Code of practice for general construction in steel (<i>second revision</i>)
807 : 1976	Code of practice for design, manufacture, erection and testing (structural portion) of cranes and hoists (<i>first revision</i>)
875	Code of practice for design loads (other than earthquake) for buildings and structures:
(Part 2) : 1987	Imposed loads (<i>second revision</i>)
(Part 3) : 1987	Wind loads (<i>second revision</i>)
1566 : 1982	Hard-drawn steel wire fabric for concrete reinforcement (<i>second revision</i>)
1786 : 1985	High strength deformed steel bars and wires for concrete reinforcement (<i>third revision</i>)
1893 : 1984	Criteria for earthquake resistant design of structures (<i>fourth revision</i>)
1904 : 1986	Code of practice for design and construction of foundations in soils:

2062 : 1992	General requirements (<i>third revision</i>)
3370	Weldable structural steel (<i>third revision</i>)
	Code of practice for concrete structures for the storage of liquids:
(Part I) : 1965	General requirements
(Part 2) : 1965	Reinforced concrete structures
4247	Code of practice for structural design of surface hydroelectric power stations:
(Part I) : 1993	Data for design -Code of practice (<i>third revision</i>)
(Part 2) : 1992	Superstructure (<i>second revision</i>)
4410 (Part 10) : 1988	Glossary of terms relating to river valley projects: Part 10
	Hydroelectric power station including water conductor system (<i>first revision</i>)