

(PREVIEW)

IS 14592 (Part 1) : 1998

Indian Standard

PLANNING AND DESIGN OF BARRAGE POWER HOUSES – GUIDELINES

PART 1 INVESTIGATION, PLANNING AND LAYOUT

1 SCOPE

This standard covers investigation, planning and layout of barrage hydra-electric power houses.

2 REFERENCES

The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
2914 : 1964	Recommendations for estimation of discharge by establishing stage discharge relation in open channel
4247 (Part 1) : 1993	Code of practice for structural design of surface hydel power stations: Part 1 Data for design (<i>second revision</i>)
6966 (Part 1) : 1989	Guidelines for hydraulic design of barrages and weirs: Part 1 Alluvial reaches (<i>first revision</i>)
7720 : 1991	Criteria for investigation, planning and layout of barrages and weirs (<i>first revision</i>)
10060 : 1981	Code of practice for subsurface investigation for power house sites
12800 (Part 3) : 1991	Guidelines for selection of turbines, preliminary dimensioning and layout of surface hydro-electric power house: Part 3 Small, mini and micro power houses