

(PREVIEW)

IS 7436 (Part 1) : 1993

Indian Standard

**GUIDE FOR TYPES OF MEASUREMENTS FOR
STRUCTURES IN RIVER VALLEY PROJECTS AND
CRITERIA FOR CHOICE AND LOCATION OF
MEASURING INSTRUMENTS**

PART 1 FOR EARTH AND ROCKFILL DAMS

(*First Revision*)

1 SCOPE

1.1 This standard covers the various types of measurements needed for monitoring the behaviour of earth and rockfill dams and provides guidelines for choice of instruments and their locations.

1.1.1 Generally the same type of instruments are suitable for earth and rockfill dams. For the latter, however, graded material is used between the rockfill and the instrument so that the instrument does not get damaged-by the rock pieces.

2 REFERENCES

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

<i>IS No.</i>	<i>Title</i>
4967 : 1968	Recommendations for seismic instrumentation for river valley projects
4986 : 1983	Code of practice for installation of rain-gauge (non-recording type) and measurement of rain (<i>first revision</i>)
5225 : 1969	Specification for raingauge, non-recording
5235 : 1969	Specification for raingauge, recording