

(PREVIEW)

IS 5249 : 1992

## *Indian Standard*

# DETERMINATION OF DYNAMIC PROPERTIES OF SOIL — METHOD OF TEST

*(Second Revision)*

### 1 SCOPE

This standard covers methods of conducting block vibration test, cyclic plate load test and wave propagation test for evaluation of in situ dynamic and damping properties of soils. Guidelines for choosing parameters for design and analysis are also provided.

### 2 REFERENCES

2.1 The Indian Standards listed in Annex A are necessary adjuncts to this standard.

#### ANNEX A

*(Clause 2.1)*

#### LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
1888 : 1982	Method of load test on soils ( <i>second revision</i> )
2720 (Part 12) : 1981	Methods of test for soil : Part 12 Determination of the shear strength parameters of soil from consolidated undrained triaxial compression test with measurement of pore water pressure ( <i>first revision</i> )
2720 (Part 28) : 1974	Method of test for soil : Part 28 Determination for dry density of soils in-place, by the sand replacement method ( <i>first revision</i> )
2720 (Part 29) : 1975	Method of test for soil : Part 29 Determination of dry density of soils in-place, by the core cutter method ( <i>first revision</i> )
2810 : 1979	Glossary of terms relating to soil dynamics ( <i>first revision</i> )