

(PREVIEW)

*Indian Standard***IN-SITU DETERMINATION OF ROCK MASS
DEFORMABILITY USING A FLEXIBLE
DILATOMETER — CODE OF PRACTICE****PART 2 WITH RADIAL DISPLACEMENT****1 SCOPE**

1.1 This standard (Part 2) covers the method for determination of deformation modulus of rock *in-situ* using an expanding, probe (dilatometer) to exert pressure on the walls of a drillhole. The resulting hole expansion (dilation) is measured directly by a displacement transducer in the probe. Deformability characteristics of the rock mass at the dilatometer location may be calculated from the relation between pressure dilation. Anisotropy of deformability in the plane perpendicular to the drillhole may also be determined.

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>
11315 (Part 1) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 1 Orientation
11315 (Part 2) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 2 Spacing
11315 (Part 3) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 3 Persistence
11315 (Part 4) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 4 Roughness
11315 (Part 5) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 5 Wall strength
11315 (Part 6) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 6 Aperture
11315 (Part 7) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 7 Filling

<i>IS No.</i>	<i>Title</i>
11315 (Part 8) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 8 Seepage
11315 (Part 9) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 9 Number of sets
11315 (Part 10) : 1987	Method for the quantitative description of discontinuities in rock mass: Part 10 Block size
11315 (Part 11) : 1985	Method for the quantitative description of discontinuities in rock mass: Part 11 Core recovery and rock quality