

C-397 33

SYNOPSIS

	Number and Title of the Indian Standard	IS 17417 (Part 2) : 2020/ISO4965-2 : 2012 Metallic materials — Dynamic force calibration for uniaxial fatigue testing — Part 2: Dynamic calibration device (DCD) instrumentation.
a)	Scope	In order to perform a dynamic calibration of a uniaxial testing system, it is necessary to measure the forces experienced by the test-piece to known levels of accuracy - this measurement is made by a dynamic calibration device (DCD) in place of the test-piece and the calibration method is described in ISO 4965-1. This part of ISO 4965 defines the calibration procedure for the DCD's instrumentation. The method for the analysis of the results is also described, leading to a range of testing frequencies over which the instrumentation is valid for use with DCDs in accordance with ISO 4965-1.
b)	Salient features of content	This Standard stipulate Terms, definitions and symbols, Principal, General Requirements, Calibrations Procedure, Calculation of Results and Calibration report.
c)	Type/Grade/Class if any, covered in Indian Standard Specification	-
d)	Disclaimer	NIL