

C-410

SYNOPSIS

	Number and Title of the Indian Standard	IS 17413 (Part 2) : 2020/ISO 26203 – 2 : 2011 Metallic materials — Tensile testing at high strain rates — Part 2: Servo-hydraulic and other systems
a)	Scope	<p>This part of ISO 26203 gives requirements for the testing of metallic materials. Only examples for testing flat geometries are given; however, other geometries can be tested. The area of application spans a range of strain rates from 10^{-2} s^{-1} to 10^3 s^{-1}. Tests are carried out between 10 °C and 35 °C and, unless otherwise specified, using a servo-hydraulic-type test system.</p> <p>NOTE 1 Measurements at strain rates lower than 10^{-2} s^{-1} can be performed using machines designed for quasi-static testing.</p> <p>NOTE 2 For test piece geometries other than those shown in 7.1 and Annex B, see ESIS P7 (Reference [1]) and FAT Guideline (Reference [2]).</p>
b)	Salient features of content	Normative references, Terms and definitions, Principles, Symbols and Designation, Apparatus, Test Piece, Calibration of the Apparatus, Procedure, Evaluation of the Test Result, Test Report
c)	Type/Grade/Class if any, covered in Indian Standard Specification	-
d)	Disclaimer	NIL