201

SYNOPSIS OF INDIAN STANDARDS

Number and Title of Indian Standard
IS 17362 (Part 1) : 2020/ISO 9902-1 : 2001, Textile machinery — Noise test code —Part 1 : Common requirements [Doc: TXD 14 (14364)]
a) Scope
This part of Indian Standard gives requirements for carrying out, efficiently and under standardized conditions, the determination, declaration and verification of basic noise emission quantities common to the types of textile machinery dealt with in ISO 9902-2 to ISO 9902-7. It specifies noise measurement methods, as well as the mounting and operating conditions, to be used for this noise test code. This part of Indian Standard is applicable to all machinery, plant and equipment given in accordance with ISO 11111 (all parts), including equipment enabling the automated operation of machines and processes for single machines or complex installations, but excluding equipment for transportation between the machine interfaces. NOTE 1 The measurement of the peak, C-weighted, instantaneous sound pressure value at workstations is not dealt with in this part of ISO 9902, since peak sound pressures sufficient to require such measurement are not to be expected from textiles machines. NOTE 2 For each textile machine, two parts of ISO 9902 will normally need to be used: this part and the relevant, specific part of ISO 9902.
b) Salient features of content:
Basic noise emission quantities for textile machinery include emission sound pressure levels at work stations and the sound power level. The determination of these quantities (i.e. the test) is necessary for: - manufacturers to be able to declare the noise emitted, - machine users to be able to compare the noise emitted by machines in the group concerned, - experimental verification of the noise control measures taken at the design stage, and - estimation of noise immission (exposure) in the workplace or at the work station. ISO 9902 constitutes a comprehensive noise test code for textile machinery. Its use will ensure the reproducibility of the determination of the noise emission quantities within specified limits determined by the grade of accuracy.
c) Types/grades/classes, if covered in the standard:
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d) Disclaimer (to be automatically provided by the programme/software) : -