

(PREVIEW)

IS : 9167 - 1979

Indian Standard
SPECIFICATION FOR
EAR PROTECTORS

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 20 March 1979, after the draft finalized by the Acoustics Sectional Committee had been approved by the Electronics and Telecommunication Division Council.

0.2 While preparing this standard assistance has been derived from the following:

CSA Standard Z 94.2-1965 Hearing protectors. Canadian Standards Association.

JIS B 9904-1955 Noise-proof type ear plug, Japanese Standards Association.

ANSI S 3.19-1974 Methods for the measurement of real ear protection of hearing protectors and physical attenuation of earmuffs. American National Standards Institute.

0.3 Noise, unwanted sound, is present in all environments, predominantly in industrial environments. Exposure to high-intensity noise may cause hearing impairment. The degree of such impairment depends on the noise level and duration as well as the sensitivity of the individual.

0.3.1 However, the use of adequate hearing conservation procedure which include the use of proper ear protectors, can prevent or reduce most cases of such hearing impairment.

0.3.2 For institution of hearing conservation programmes, there is need for assessment of noise exposure and IS : 7194-1973* has been prepared to determine the effect of occupational noise exposure and its duration on hearing impairment.

1. SCOPE

1.1 This standard covers the performance requirements for devices for personal hearing protection.

*Assessment of noise exposure during work for hearing conservation purposes.

†Rules for rounding off numerical values (*revised*).