

(PREVIEW)

Indian Standard

**METHOD FOR DETERMINATION OF
AIRBORNE ASBESTOS FIBRE CONCENTRATION
IN WOK ENVIRONMENT BY LIGHT MICROSCOPY
(MEMBRANE FILTER METHOD)**

1 SCOPE

1.1 This standard covers the method for determination of number-count concentration of airborne asbestos fibres expressed as the number of fibres/cm³.

1.2 This method is applicable for routine sampling and sample evaluation necessary to assess personal exposure to asbestos fibres and their control in occupational environment.

1.3 The use of this method has limitations when applied to samples containing platy or acicular particles and consequently a full qualitative understanding of the sample is necessary to implement this method.

1.4 In this method all particles complying with the defined geometric condition are, in absence of other convincing information, to be considered as asbestos fibres and counted as such, thus ensuring that under-estimates of asbestos exposure are minimized.