

FORMAT FOR SYNOPSIS OF INDIAN STANDARDS

Number and Title of the Indian Standard: Clothing for protection against heat and flame — Determination of contact heat transmission through protective clothing or constituent materials Part 1: Contact heat produced by heating cylinder [Doc: TXD 32 (15920)]

Scope:

This standard specifies a test method for the determination of contact heat transmission. It is applicable to protective clothing (including hand protectors) and its constituent materials intended to protect against high contact temperatures.

Application of this part is restricted to contact temperatures between 100°C and 500 °C.

a) Salient features of content: The heating cylinder is heated to and maintained at the contact temperature and a test specimen is placed on the calorimeter. The heating cylinder is lowered onto the test specimen supported by the calorimeter or, alternatively, the calorimeter with the specimen is lifted up to the heating cylinder. In either case, the operation is carried out at a constant speed. The threshold time is determined by monitoring the temperature of the calorimeter.

b) Types/Grades/Classes, if any covered in the standard: Nil