

(PREVIEW)

Indian Standard

INSULATING MATS FOR ELECTRICAL PURPOSES – SPECIFICATION

1 SCOPE

1.1 The standard is applicable to insulating mats made of Elastomer (a generic term that includes rubbers, latex and elastomeric compounds that may be natural or synthetic or a mixture or a combination of both) for use as floor covering for the protection of workers on ac and dc installations with the system voltages upto 66 kV ac and 240 V dc.

1.2 It prescribes the requirements for the performance of the product, method of samplings, testing and acceptance.

1.3 While the human safety is the prime concern while developing this standard, it is clear that final safety of the worker is only obtained by considering also work methods, training of personnel and their safety issues which are not in the scope of this Committee.

1.3.1 The spread of the mat to be used for a certain work, the working methods, the care to be taken of the mat during use, periodic checks are some of the elements which will have influence on the final performance of the mat for the intended objective and shall be taken care of by the users. Hence, the Annex A 'In-service Recommendations' is not the mandatory part of the standard and is informative in nature to get the optimum results from the mat procured as-per the standard.

2 REFERENCES

The standards listed in Annex B contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed in Annex B.