

ISO 6356:2012-07 (E)

Textile and laminate floor coverings - Assessment of static electrical propensity - Walking test

| Contents | | Page |
|-----------------------|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Principle | 1 |
| 5 | Apparatus | 2 |
| 5.1 | Grounded metal base plate | 2 |
| 5.2 | Rubber mat | 2 |
| 5.3 | Polyethylene foam (PE-foam) | 2 |
| 5.4 | Polyethylene foil (PE-foil) | 2 |
| 5.5 | Test sandals | 2 |
| 5.6 | Means of cleaning the sandals | 2 |
| 5.7 | Ionizing source | 3 |
| 5.8 | Body voltage measuring system | 3 |
| 5.9 | Measuring devices for temperature and relative humidity | 3 |
| 6 | Sampling and selection of specimens | 3 |
| 6.1 | Textile floor coverings | 3 |
| 6.2 | Laminate | 3 |
| 7 | Preconditioning of specimens, PE-foam, PE-foil and rubber mats | 3 |
| 8 | Atmosphere for conditioning and testing | 4 |
| 9 | Test procedures | 4 |
| 9.1 | Preparation | 4 |
| 9.2 | Method A: test procedure in laboratory conditions | 4 |
| 9.3 | Method B: test procedure in situ | 6 |
| 10 | Calculation and expression of results | 6 |
| 11 | Test report | 6 |
| Annex A (normative) | Specification of the sandals | 7 |
| Annex B (normative) | Standard sole material -- Neolite (standard XS-664P) | 11 |
| Annex C (normative) | Standard sole material -- BAM-rubber | 12 |
| Annex D (normative) | Method for measuring the electrical resistance of the footwear | 13 |
| Annex E (normative) | Example of a hand-held electrode and its use | 15 |
| Annex F (informative) | Method of checking calibration of the measuring system | 17 |
| Bibliography | | 18 |