



IAAF ACCREDITED LABORATORIES FOR TESTING TRACK AND RUNWAY SYNTHETIC SURFACES

CRITERIA

1. They shall be organisations, either test laboratories (test houses) or incorporating test laboratories, devoted to the research and development of sports surface science and shall have achieved a position of influence and responsibility in the field of sports surface provision. Their work may include the testing and evaluation of sports surfaces and related materials, in the laboratory and in the field, with well documented records.
2. They shall be independent of any company manufacturing, supplying or installing sports surfaces, or manufacturing or supplying sports equipment.
3. Their work must be recognised as being of consistent high quality, maintained by operating a comprehensive policy of calibration of all its relevant test equipment. The laboratory shall have and maintain ISO 17025 accreditation for the accreditation detail listed in Appendix A.
4. They must confirm their willingness to participate regularly in ISSS “Round-Robin” testing, presentation of papers and publications, and other scientific and technical matters which may be undertaken by the IAAF. After the issue of ISSS “Round-Robin” testing results each laboratory must advise the IAAF as to its laboratory identification symbol on a confidential basis.
5. Laboratories applying for IAAF accreditation must provide the following information in full:
 - a) A list of test equipment relevant to the testing of athletics surfaces.
 - b) A diagram of its organisational structure, together with the Curriculum Vitae of its nominated representative(s) and brief details of the qualifications and experience of other relevant staff on the organisational structure.
 - c) A reference list of athletics facilities and surfaces tested in the preceding five years. References may be taken up on a number of those provided.
 - d) A list of relevant publications, technical papers and articles produced by or contributed to by, the applicant laboratory in the preceding five years.
 - e) Details of any work with National or International Governing Bodies of Sport, Sports Associations, Councils or Federations.



- f) Membership of National or International Standards Organisations, e.g. ISO, CEN, BSI, DIN, ASTM or their Working Groups or the International Association for Sports Surface Sciences (ISSS).
 - g) Independent verification of their results, which shall include a set of test results generated in round-robin testing of samples of at least four different types of athletics surface (solid, sandwich, porous and prefabricated), which have also been tested by at least two existing IAAF accredited laboratories, and which demonstrate the accuracy and validity of their test equipment and procedures.
 - h) Proof of current valid appropriate ISO 17025 accreditation (*Appendix A*).
6. At the discretion of IAAF, any laboratory applying for IAAF accreditation shall be inspected by a representative of at least one existing IAAF accredited laboratory, and by a representative of the IAAF. All expenses involved in this procedure must be met by the applicant laboratory.
 7. Approval as an accredited laboratory is specific to the laboratory and its location and cannot be transferred to another laboratory or location without IAAF approval.
 8. Approval as an accredited laboratory shall be given in writing by IAAF.
 9. IAAF accredited laboratories shall inform IAAF of any changes in their ISO 17025 accreditation status.
 10. The accreditation fee is USD 2500 for every four-year period, to be paid at the beginning of the period.
 11. IAAF shall monitor the performance of the accredited laboratories.
 12. IAAF reserves the right to cancel the accredited status of any laboratory, at any time, by a written statement to the laboratory. No reasons need be given for the cancellation.



Appendix A

IAAF REQUIREMENTS FOR LABORATORIES TO MEET ISO 17025 ACCREDITATION

Laboratories accredited by the IAAF must have current ISO 17025 accreditation for all the equipment used in the tests listed below. The details of accreditation must be available on the national accreditation authority website or provided by the laboratory to the IAAF in a form satisfactory to the IAAF.

Accreditation Detail:

Type of Test	Standard Specifications
Determination of Thickness	EN 1969:2000 IAAF Track and Runway Synthetic Surface Testing Specifications
Determination of Shock Absorption	EN 14808:2005 IAAF Track and Runway Synthetic Surface Testing Specifications
Determination of Vertical Deformation	EN 14809:2005 IAAF Track and Runway Synthetic Surface Testing Specifications
Determination of Friction	prEN 14903 EN 13036-4 IAAF Track and Runway Synthetic Surface Testing Specifications
Determination of Tensile Properties	EN 12230:2003 IAAF Track and Runway Synthetic Surface Testing Specifications

In addition, each laboratory should have their thermometer and various other small measurement devices used for IAAF tests, if not covered above, calibrated.

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