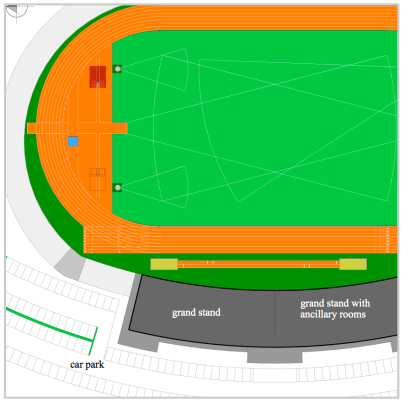
CONSULTATION

PLANNING

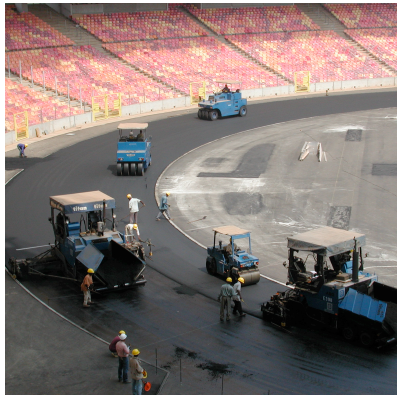
SUPERVISION

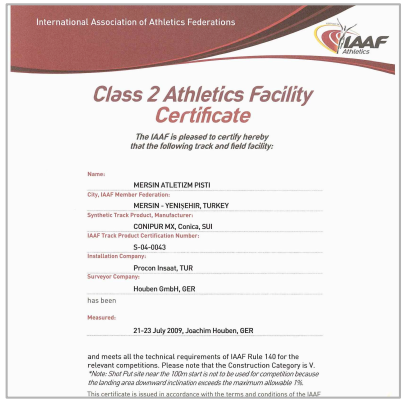
INSPECTION

CERTIFICATION



HOUBEN




International Association of Athletics Federations

IAAF Athletics

Class 2 Athletics Facility Certificate

The IAAF is pleased to certify hereby that the following track and field facility:

Name: MERSIN ATLETIZM PISTI

City, IAAF Member Federation: MERSIN - YENISEHIR, TURKEY

Synthetic Track Product, Manufacturer: CONIPUR MX, Conica, SUI

IAAF Track Product Certification Number: S-04-0043

Installation Company: Procon Insaat, TUR

Surveyor Company: Houben GmbH, GER

has been

Measured: 21-23 July 2009, Joachim Houben, GER

and meets all the technical requirements of IAAF Rule 140 for the relevant competitions. Please note that the Construction Category is V.

*Note: Shot Put site near the 100m start is not to be used for competition because the landing area downward inclination exceeds the maximum allowable 1%.

This certificate is issued in accordance with the terms and conditions of the IAAF

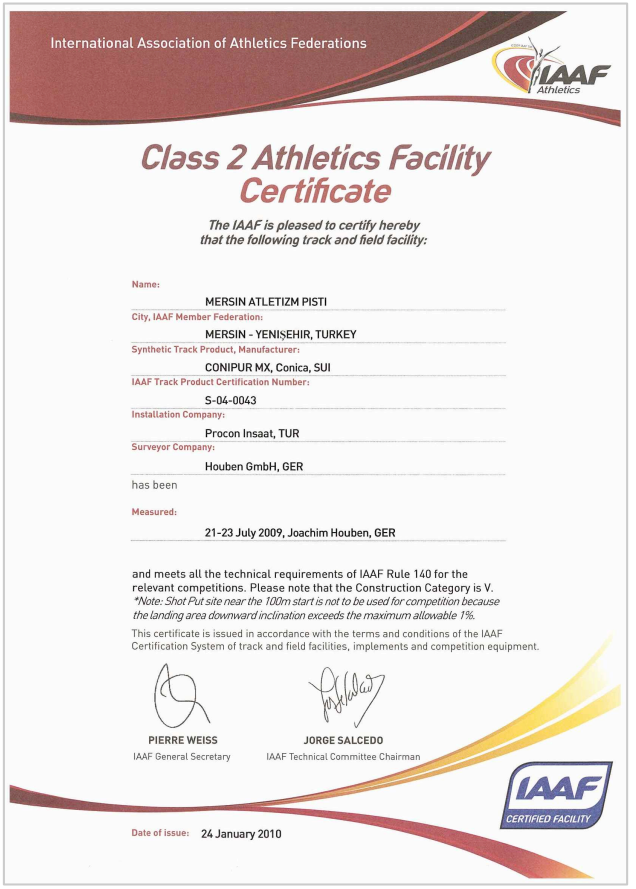
Synthetic Surfaces for IAAF Class II Facilities

Observations, Comments and Suggestions
by
Achim Houben

New Problems in the Construction of IAAF certified Sports Facilities

IAAF Measurement Reports for Class II Facilities

What has to be checked ?



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This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.

PIERRE WEISS
IAAF General Secretary

JORGE SALCEDO
IAAF Technical Committee Chairman

IAAF CERTIFIED FACILITY

Date of issue: 24 January 2010

IAAF Measurement Report

- Contents -

- Design of the Sports Facility

  size of the track and number and location of other facilities
  Important for determination of the
  - IAAF Construction Category -

- Review of the facilities for running events

  circle track, sprint track and steeple chase

- Review of the facilities for jumping events

  high jump, long and triple jump, pole vault

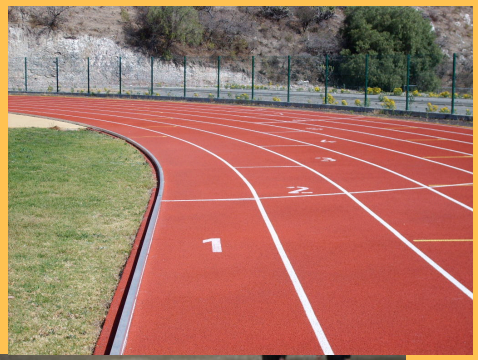
- **Review of the facilities for throwing events**

  shot put, discus and hammer throw, javelin

IAAF Measurement Report

- what is checked ? -

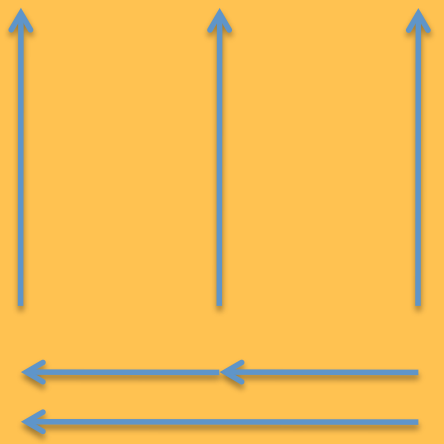
- Installed sports equipment
  - pole vault boxes
  - take off boards
  - circles for discus, hammer and shot put
- Discus and hammer cage
  - design and correct installation
- Water jump and barrier
  - dimensions
- **Inner boundary**
  - **Sport channel or aluminium curbing**



IAAF Measurement Report

- what is checked -

- Markings
  - track lines and run up lines
  - starts
  - relay zones
  - hurdle positions
- **Slopes**
  - **In the running direction**
  - **lateral**



IAAF Measurement Report

- NOTE -

A further inspection of the installed synthetic surface must not be made for IAAF Class II Facilities!

The only condition:

The installed synthetic system

must have a valid

IAAF Product Certificate !

The Problem

No proof must be provided,

that the actually built synthetic system,

is built in composition and thickness of the criteria,

on which the IAAF Certificate was issued !

But what becomes common practice?

- MANUFACTURER -

Several manufacturers sell their synthetic systems without control,

1. if sufficient material was delivered
2. if all components were delivered, *-or-*
3. if non-system components were used
4. **if the installer is able to install the system professionally in the prescribed form**

- INSTALLING COMPANIES -

- often, only single components are bought
- other components are replaced by cheap inferior products
- **the system is installed too thin to save on materials**

other shortcomings

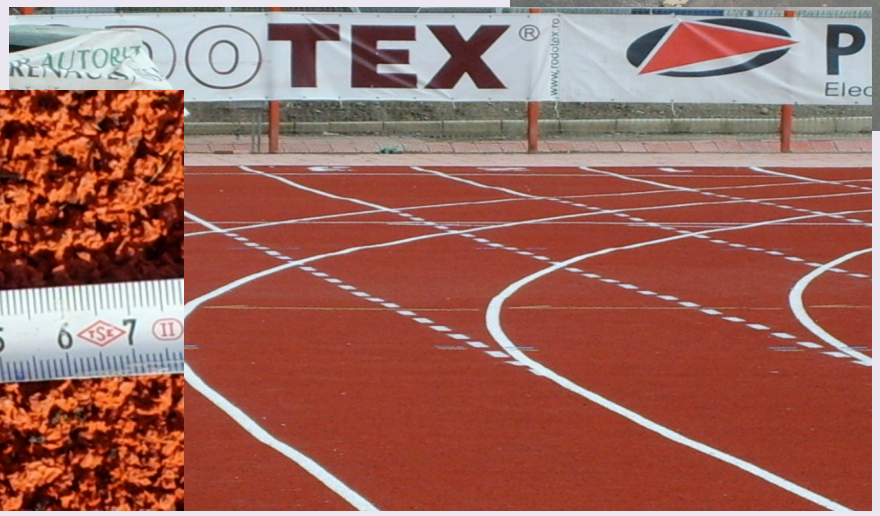
- FLATNESS -

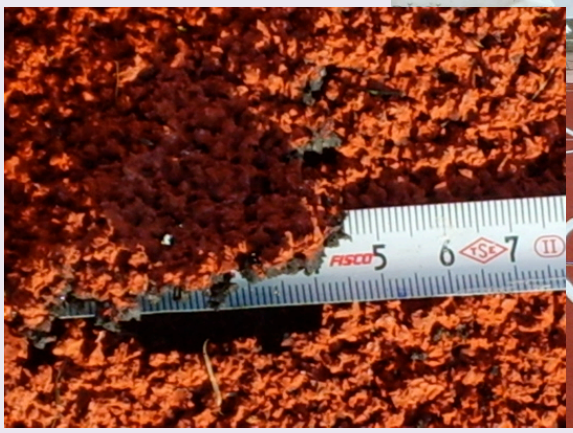
the biggest problem

due to bad asphalt work

- uneven synthetic surface
- different thickness

of the synthetic surface



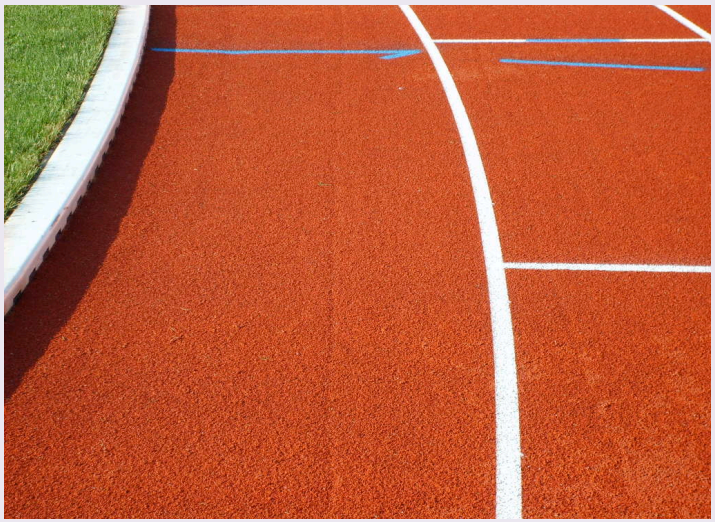


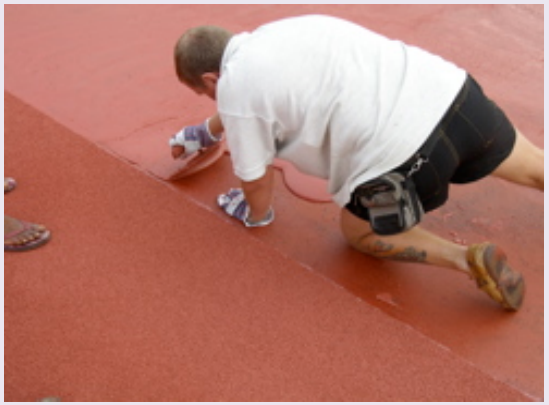
other shortcomings

- JOINTS -

unprofessional,

too high or too low





other shortcomings

- MIXING ERRORS -

are not repaired

other shortcomings

- STRESS AREAS -

stress areas are not built

BUT

the athletic facility could get a valid

IAAF CERTIFICAT

IAAF Track and Field Facilities Manual

IAAF PRESIDENT'S MESSAGE

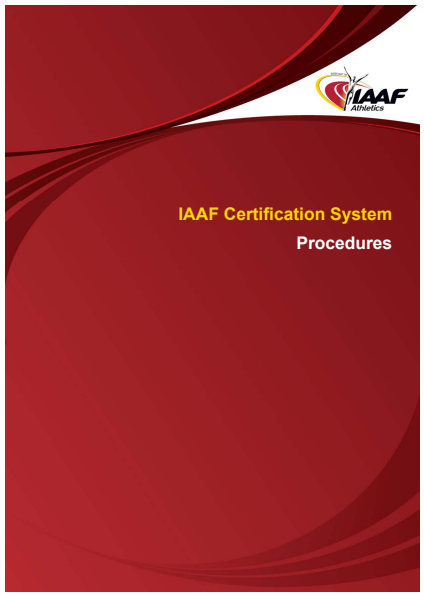
The IAAF continuously works to have more certified facilities around the globe with the aim of setting an international standard for the various products used in athletics - from equipment to track surfaces. The IAAF has a worldwide responsibility to guarantee the validity and accuracy of performances and therefore of all products which help athletes achieve their performances.

Lamine Diack
IAAF President

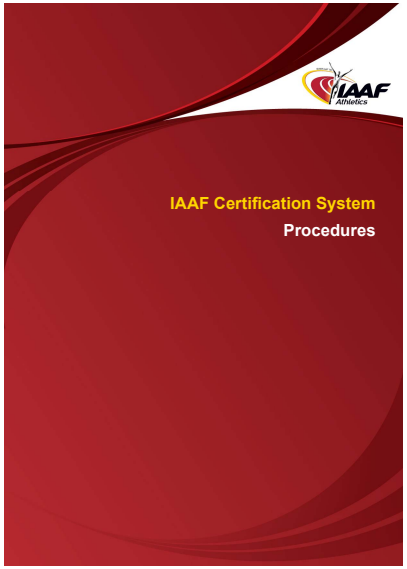
IAAF Certification System

Basis for the certification of sports facilities is the

IAAF CERTIFICATION SYSTEM

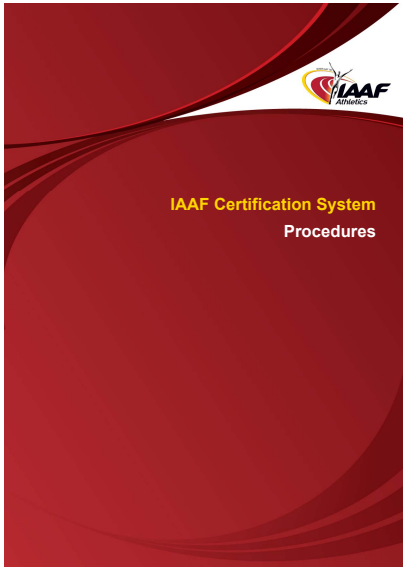


IAAF Certification System



„The IAAF has introduced a certification programme based upon the goal that all facilities, implements and equipment marketed for use in athletics competitions conform to IAAF specifications ... „

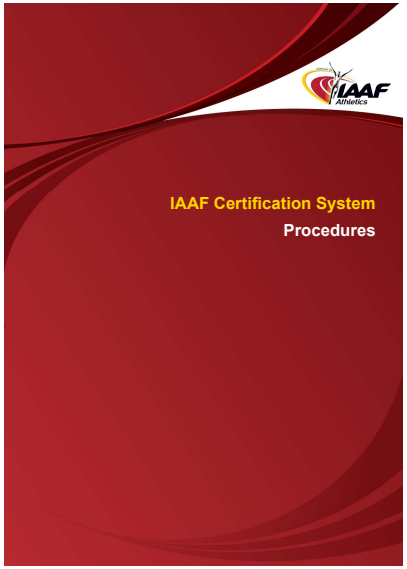
IAAF Certification System



CHAPTER 2
CERTIFICATION OF SYNTHETIC TRACK SURFACING PRODUCTS
SECTION 1.
APPROVAL OF MATERIALS AND BRANDED PRODUCTS

1.4 Manufacturers or suppliers shall inform IAAF of any proposed change of formulation or of raw materials which may affect the Performance Standard of any certified product and shall supply such information as is deemed necessary by IAAF to IAAF or to any test institute(s) nominated by IAAF for the purpose of ensuring that the product still conforms with IAAF Performance Specifications.

IAAF Certification System



CHAPTER 2
CERTIFICATION OF SYNTHETIC TRACK SURFACING PRODUCTS
SECTION 3.
APPROVAL PROCEDURE

3.3 From time to time IAAF may require the applicant to supply samples from facilities under construction for the purpose of monitoring the continuing conformity with the approvals granted.

What could be done?

A Proposal

- MANUFACTURER -

The manufacturer of the synthetic system has an interest in ensuring, that his product is installed ***professionally*** and with ***high quality,*** to meet IAAF rules.

How can the manufacturer protect the ***Quality*** and ***good Name*** of his product?

- MANUFACTURER -

The manufacturer of the synthetic system has an interest in ensuring, that his product is installed ***professionally*** and with ***high quality,*** to meet IAAF rules.

1. The manufacturer must supervise the installation of the synthetic system for facilities that should be certified, - *or* -
2. The manufacturer should develop the company's crews with a training program for all his certified systems, - *or/and* -
3. **The manufacturer should issue certificates for installation companies that are able to install the systems professionally.**

- IAAF Certification System -

Which additional checks would be needed to ensure,

that future athletic facilities meet the requirements of the IAAF certification system

for IAAF Category 2 Facilities?

- IAAF Certification System -

The IAAF Measurement Report should be completed by the following points:

1. addition of control by checking the flatness of the synthetic
2. addition of control by checking the thickness of the synthetic
3. warranty of the holder of the IAAF product certificate and the installation company, that sufficient and proper material was used - product warranty –
4. **if other components are used, the holder of the IAAF Product Certificate must guarantee the same character of the original system**

- Contracting Builder -

The owner and builder of the sports facility should consider the following points:

- The description of usable synthetic systems in the tender documents must be understandable and clear.
- If a sports channel is used as inner boundary, it must be checked and accepted before the installation of asphalt.
- **Before synthetic installation, the entire asphalt surface must be tested according to IAAF standard and be accepted.**

To get future projects certified should be much more difficult!

in some countries authorities have already reacted to the new situation:

Denmark - as a quality control, all new tracks are tested according to IAAF Class I rules, incl. in-situ synthetic test.

in some countries authorities have already reacted to the new situation:

Turkey
- asphalt must be checked acc. to IAAF and be accepted before synthetic installation.
- the installer must prove that at least 80% of the necessary material is new.
- if local SBR is used, the owner of the IAAF certificate has to confirm that the characteristics of the synthetics was not changed.
- **flatness and thickness of synthetic must be tested.**

Thank you for your attention

Observations, Comments and Suggestions
by
Achim Houben