



# IAAF CERTIFICATION SYSTEM

## Report of Measurement

This form must be sent to: **INTERNATIONAL ASSOCIATION OF ATHLETICS FEDERATIONS**  
 17, rue Princesse Florestine  
 BP 359 - MC 98000 Monaco Cedex  
 Tel: (+377) 93 10 88 88 - Fax: (+377) 93 15 95 15 - Direct (+377) 93 50 32 63

A Certificate of Measurement must be submitted for all tracks for which an IAAF Track Certificate is required. In addition to receive an IAAF Category 2 Certificate the track surfacing material must have a current IAAF Product Certificate.

To obtain a Category 1 Track Certificate, the track surface must also have been tested in situ and proven to conform to the IAAF Performance Specifications.

### Track

**Name of track/stadium:** .....

**Address:** .....

.....

**Country:** .....

**Tel:** ..... **Fax:** .....

### Survey Work

**Surveyor Company:** .....

**Surveyor Name:** .....

**Qualifications:** .....

**Address:** .....

.....

**Tel:** ..... **Fax:** .....

#### Instruments:

Theodolite: ..... No.: .....

Distance Meter: ..... No.: .....

*Certificates of instrument accuracy shall be attached*

Date of Survey: .....

Weather: .....

Temperature: ..... Atmospheric pressure: .....

#### General:

Requirements are indicated.

Test methods are explained.

Distances longer than 20m are to be measured by Electro optical instruments

Angles are to be measured by Theodolite

# CONTENTS

<b>A. THE CONSTRUCTION CATEGORY .....</b>	<b>3</b>
1. SPORT FACILITIES .....	3
2 OTHER FACILITIES .....	3
<b>B. THE 400M STANDARD TRACK.....</b>	<b>4</b>
1. TRACK DESCRIPTION (LAYOUT) .....	4
2. TRACK SURFACE: .....	4
3. THE LENGTH OF THE TRACK .....	5
3.1. <i>Dimensional Accuracy of the 400m Standard Track</i> .....	5
3.2 <i>Calculation of the length (inside border)</i> .....	7
3.3 <i>Calculation of the Running Distance</i> .....	7
3.4 <i>Certification of the Length</i> .....	7
4. THE INCLINE OF THE TRACK .....	7
4.1 <i>Lateral incline</i> .....	8
4.2 <i>Overall incline</i> .....	8
5. INTERNATIONAL MARKINGS ON THE TRACK.....	9
5.1 <i>International Starts</i> .....	9
5.2 <i>Start Measurement</i> .....	10
5.3 <i>Finish</i> .....	11
5.4 <i>International Hurdle Events</i> .....	11
5.5 <i>International Relay Race</i> .....	11
<b>C. THE STEEPLECHASE TRACK.....</b>	<b>12</b>
1. TRACK DETAILS WITH INSIDE WATER JUMP: .....	12
a) <i>Calculation of the Steeplechase Lap (Water Jump inside)</i> .....	13
b) <i>Steeplechase Start Positions (Water Jump inside)</i> .....	13
2. TRACK DETAILS WITH OUTSIDE WATER JUMP: .....	13
a) <i>Calculation of the Steeplechase Lap (Water Jump outside)</i> .....	14
b) <i>Steeplechase Start Positions (Water Jump outside)</i> .....	14
3. STEEPLECHASE BARRIER POSITIONS .....	14
4. WATER JUMP .....	15
<b>D. FACILITIES FOR JUMPING EVENTS .....</b>	<b>15</b>
1. FACILITY FOR HIGH JUMP .....	15
2. FACILITY FOR POLE VAULT .....	15
3. FACILITY FOR LONG JUMP .....	16
4. FACILITY FOR TRIPLE JUMP .....	16
<b>E. FACILITIES FOR THROWING EVENTS.....</b>	<b>17</b>
1. FACILITY FOR THE SHOT PUT .....	17
2. FACILITY FOR DISCUS THROW .....	18
3. FACILITY FOR HAMMER THROW .....	19
4. FACILITY FOR JAVELIN THROW.....	20
<b>F. CONCLUSIONS.....</b>	<b>21</b>
<b>GENERAL CONDITIONS.....</b>	<b>22</b>

## A. The Construction Category

### 1. Sport facilities

	N° Provided	Ref.	Construction Category*
400 m standard track	<input type="checkbox"/>		
No. of lanes	.....	8	I
No. of straight lanes	.....	8	I
Water jump for the Steeplechase inside outside	<input type="checkbox"/> <input type="checkbox"/>	1	I
Runway for Long- and Triple Jump landing area at each end landing area at one end only landing area at the centre	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2	I
Facility for High Jump	.....	2	I
Runway for Pole Vault box at each end box at centre	<input type="checkbox"/> <input type="checkbox"/>	2	I
Facility for Discus and Hammer Throw combined	.....	1	I
Facility for Discus Throw	.....	1	I
Facility for Javelin Throw	.....	2	I
Facility for Shot Put	.....	2	I

\*Refer to Table 1.5.3 Track & Field Facilities Manual for Construction Categories

Construction Category Sport Facilities (Table 1.5.3) .....

Competition Category Sport Facilities (Table 1.3.2) .....

### 2 Other facilities

	N° Provided	Ref.	Cat.
Warm-up area	<input type="checkbox"/>		
Track size	.....	400m	I
No. of lanes	.....	4	I
Straight lanes	.....	6	I
Similar type of surface to the main track	<input type="checkbox"/>		I
Facility for Discus Throw	.....	1	I
Facility for Javelin Throw	.....	1	I
Facility for Shot Put	.....	2	I
Facility for Hammer Throw	.....	1	I
Provision of ancillary rooms		yes	I
Full facilities for spectators		yes	I

Ancillary rooms e.g. for conditioning and physiotherapy, adequate space for athletes resting between events, with a minimum floor area of 250m<sup>2</sup> for Category I.

Tick appropriate box  and fill in other blanks with information.

## B. The 400m Standard Track

### 1. Track Description (Layout)

Type of Construction: .....

	Design	IAAF Standard
Radius:	..... m	36.500m
Distance between Centre Points:	..... m	84.390m
Inner Kerb Height:	.....	0.05 to 0.065m
Length of Construction (planning size)	..... m	400m

Number of

Circular lanes: ..... lanes

Sprint lanes main side: ..... lanes length: ..... m

Sprint lanes second side: ..... lanes length: ..... m

Width of lanes: (planning size) ..... m (1.22m)

*The line on the right hand of each lane, in the direction of running, is included in the measurement of the width of each lane.*

Width of the track: (planning size) ..... m (9.76m)

Kind of inner edge: ..... (e.g. Alu-plastic)

Dimension: height: ..... mm

width: ..... mm

Safety zone inside: ..... m

Safety zone outside: ..... m

### 2. Track surface:

Track surface:  Synthetic, polyurethane  Other

System: .....

Product name: .....

Installation-company: .....

Address: .....

Telephone: ..... Telefax: .....

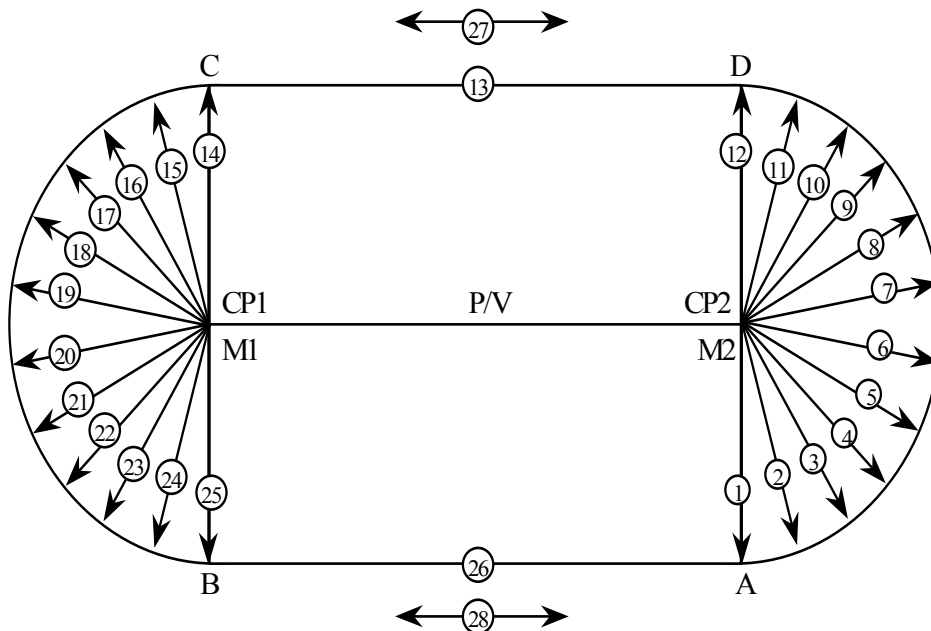
Date of installation: .....

IAAF Product Certificate if applicable: .....

### 3. The length of the track

#### 3.1. Dimensional Accuracy of the 400m Standard Track

The dimensional accuracy required for all classes of competition is measured in the 28 Point Control readings on the outside edge of the inner line of each lane.



P/V= Prerequisite: Distance from the centres of the semi-circles (CP/M)

#### Record of 28 Point-control-measurement

L= Measured Length of radii 1-12 and 14-25 in metres

R= desired Radius for each lane ( $R_1, R_2, R_3, \dots$ ) in metres

D= Deviation from desired value in millimetres (L-R), (S-T)

S= Measured Length of the Straights 13 and 26

T= desired length for the Straights

A= Measurements 27 and 28: Alignment of the straights

Permitted deviation from desired value for 1 to 26:  $\pm 0.005\text{m}$

Permitted deviation from alignment for 27 and 28:  $\pm 0.01\text{m}$

Permitted tolerance of the running length:  $+0.04\text{m max.}$



### 3.2 Calculation of the length (inside border)

	distance	angle	length
Average radius curve A - D	..... m	200.000 GON	..... m (+)
Average radius curve C - B	..... m	200.000 GON	..... m (+)
Straight A - B (S)	N/A		..... m (+)
Straight C - D (S)	N/A		..... m (+)
Length of the inside Border	N/A		..... m (=)

#### Deviation from the running length

Lane 1	Distance	angle	length
Average deviation from desired value B - C	m	200.000 GON	..... m (+)
Average deviation from desired value D -A	m	200.000 GON	..... m (+)
Straight A - B (S)	N/A		..... m (+)
Straight C - D (S)	N/A		..... m (+)
Length of the inside Border	N/A		..... m (=)

### 3.3 Calculation of the Running Distance

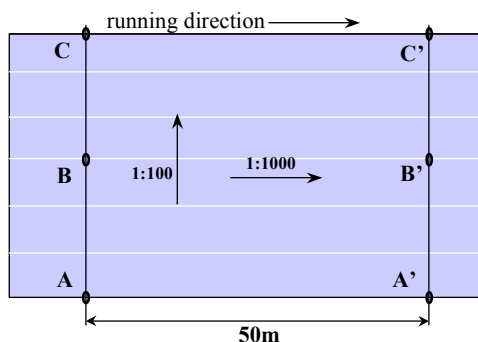
inside edge	height Alu-kerb	
Length of inside border		..... m (+)
Theoretical running line (30cm)	$0.300 \times \pi \times 2$	1.885 m (+)
Theoretical Running Distance (TRD)		..... m (=)

### 3.4 Certification of the Length

1. The control of the inside length of the running track gives a length greater than 400 metres.
2. The calculated difference of ..... m (TRD-400m) is inside the permitted tolerance of 0.04m laid down in the IAAF Track and Field Facilities Manual.
3. The measurement of lane one was taken 0.30 metres outward from the kerb. The lengths of the other lanes were taken 0.20 metres from the outer edges of the lines. (IAAF Rule 160.2)
4. The direction of the running is left-hand inside. The lanes are numbered with the left hand inside lane numbered 1. (IAAF Rule 163.1)
5. The distance before the 110m start line(s) is .....m (min. 3 metres). The straight distance after the finish line is .....metres.

## 4. The Incline of the Track

Test Method: Three check-points should be taken in a line inside lane one, in the centre of the track and outside the outer lane. The distance between the checks in the running direction is 50 metres.



**4.1 Lateral incline**

The maximum allowance for lateral inclination of the track should not exceed 1:100 or 1%.

The lateral inclination of the track should be towards the inside lane. (IAAF Rule 161.6)

Num.	Position	Incline (%)		
		A-B	B-C	A-C
1	Finish line			
2	50m			
3	100m			
4	150m			
5	200m			
6	250m			
7	300m (start 100m)			
8	350m			

**Conclusions** The lateral inclination of the track is towards the inside lane ..... **Yes** **No**  
 The lateral inclination of the track exceeds IAAF standard 1% .. **Yes** **No**

**4.2 Overall incline**

The overall inclination of the track in the running direction shall not exceed 1:1000 or 0.1% downwards. (IAAF Rule 160.6)

Num.	Position	Incline (%)		
		A-A'	B-B'	C-C'
1	Finish line-50m			
2	50m-100m			
3	100m-150m			
4	150m-200m			
5	200m-250m			
6	250m-300m			
7	300m-350m			
8	350m-400m			
9	110m start-100m start			

**Conclusions** The overall inclination of the track in the running ..... **Yes** **No**  
 direction from starts to finish exceeds IAAF standard 0.1%

## 5. International Markings on the Track

All lanes are marked by white lines..... **Yes** **No**  
 All start lines (except for curved start lines) and the finish line are marked at right angles to the lane lines..... **Yes** **No**  
 All markings are 0.05m wide. .... **Yes** **No**

Immediately before the finish line, the lanes may be marked with numbers with a minimum height of 0.50m and read in the direction of running. .... **Yes** **No**

All distances are measured in a clockwise direction from the edge of the finish line nearer to the start to the edge of the start line farther from the finish. (IAAF. Rule 160.3) .... **Yes** **No**

The staggered starts for 800m events are marked so that the first bend has to be run in separate lanes. The position of the start lines and the arced green breakline 50 mm wide at the beginning of the following straight are as given in the Manual. .... **Yes** **No**

The measurement of the curved start lines ensures that all runners start the same distance from the finish. .... **Yes** **No**

The outer curved start line for 1000m, 2000m, 3000m, 5000m and 10,000m is marked in a way that all competitors can run the same distance. A green mark 50mm x 50mm on the line between lanes 4 & 5 at the beginning of the following straight indicates where athletes starting in the outer group may join the runners of the inner group. .... **Yes** **No**

The 4 x 400m start lines are in accordance with the IAAF Manual (cf. 5.5 International Relay Events). .... **Yes** **No**

### 5.1 International Starts

The following International Starts are marked on the track:

#### Races in separate lanes

<b>100m</b>	white	straight	in separate lanes	<b>Yes</b>	<b>No</b>
<b>110m</b>				<b>Yes</b>	<b>No</b>
<b>200m</b>		circle		<b>Yes</b>	<b>No</b>
<b>300m</b>				<b>Yes</b>	<b>No</b>
<b>400m</b>				<b>Yes</b>	<b>No</b>
<b>800m</b>	white/green/white		first bend in separate lanes	<b>Yes</b>	<b>No</b>
<b>4x400m</b>	white/light blue/white		three bends in separate lanes	<b>Yes</b>	<b>No</b>

#### Curved starts

<b>800m</b>	white	lane 1-8	2 full laps		<b>Yes</b>	<b>No</b>
<b>2000m</b>			5 full laps		<b>Yes</b>	<b>No</b>
<b>10,000m</b>			25 full laps		<b>Yes</b>	<b>No</b>
<b>2000m</b>	white	outer start	5 full laps	first bend in lane5	<b>Yes</b>	<b>No</b>
<b>10,000m</b>		lane5-8	25 full laps		<b>Yes</b>	<b>No</b>

<b>1000m</b>	white	lane 1-8	2 full laps + 200m	<b>Yes</b>	<b>No</b>
<b>3000m</b>			7 full laps + 200m	<b>Yes</b>	<b>No</b>
<b>5000m</b>			12 full laps + 200m	<b>Yes</b>	<b>No</b>

<b>1000m</b>	white	outer start lane 5-8	2 full laps + 200m	first bend in lane 5	<b>Yes</b>	<b>No</b>
<b>3000m</b>			7 full laps + 200m		<b>Yes</b>	<b>No</b>
<b>5000m</b>			12 full laps + 200m		<b>Yes</b>	<b>No</b>

<b>1500m</b>	white	lane 1-8	3 full laps + 300m	<b>Yes</b>	<b>No</b>
--------------	-------	----------	--------------------	------------	-----------

<b>Mile</b>	white	lane 1-8	4 full laps+9.34m	<b>Yes</b>	<b>No</b>
-------------	-------	----------	-------------------	------------	-----------

### Steeplechase

<b>2000m</b>	white	lane 1-8	→ C. The Steeple Chase Track	<b>Yes</b>	<b>No</b>
<b>3000m</b>				<b>Yes</b>	<b>No</b>

### 5.2 Start Measurement

The distance of the race is measured from the edge of the starting line farther from the finish, to the edge of the finish line nearer to the start (precision to the millimetre).

#### Measured Distance to Finish

Start	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6	Lane 7	Lane 8	Lane 9
<b>100m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>110m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>200m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>300m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>400m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>800m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>4x400m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m

#### Measured Distance to Finish Line First Lap

Curved Start	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6	Lane 7	Lane 8	Lane 9
<b>1500m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>1000m</b>									
<b>3000m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>5000m</b>									
<b>800m</b>									
<b>2000m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>10,000m</b>									
<b>1000m</b>	<b>Outer start lane 5-8</b>				.....m	.....m	.....m	.....m	.....m
<b>3000m</b>					.....m	.....m	.....m	.....m	
<b>5000m</b>					.....m	.....m	.....m	.....m	
<b>2000m</b>	<b>Outer start lane 5-8</b>				.....m	.....m	.....m	.....m	.....m
<b>10,000m</b>					.....m	.....m	.....m	.....m	

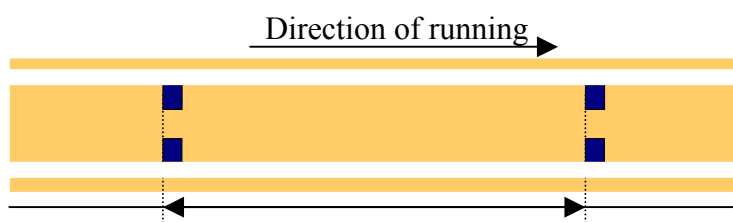
### 5.3 Finish

At the intersection of the lane lines and the finish line a rectangle 5cm wide/2cm long, is marked in black to assist alignment of a photo finish equipment and to facilitate the reading of the photo-finish film. (IAAF Rule 164.2) ..... **Yes**      **No**

The lanes are numbered with the left-hand inside lane numbered 1. .... **Yes**      **No**

White lines 30mm wide and 80 cm (40cm at 2m) long are marked 1 m, 3m and 5m before the finish line. .... **Yes**      **No**

### 5.4 International Hurdle Events



The distances between the hurdles are measured from front to front of the marker.

Hurdle Events	Hurdle N° / Measured Distance to Finish Line									
	10th	9th	8th	7th	6th	5th	4th	3rd	2nd	1st
<b>100m</b>	10.500m	19.000m	27.500m	36.000m	44.500m	53.000m	61.500m	70.000m	78.500m	87.000m
<b>110m</b>	14.020m	23.160m	32.300m	41.440m	50.580m	59.720m	68.860m	78.000m	87.140m	96.280m
<b>400m</b>	40.000m	75.000m	110.000m	145.000m	180.000m	215.000m	250.000m	285.000m	320.000m	355.000m

The following hurdle events are marked on the track and the measured distances to the finish are:

	10th	9th	8th	7th	6th	5th	4th	3rd	2nd	1st
<b>100m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>110m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
<b>400m</b>	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m

110m hurdles (men)                      blue      rectangle 10cm x 5cm ..... **Yes**      **No**  
 100m hurdles (women)                  yellow    rectangle 10cm x 5cm ..... **Yes**      **No**  
 400m hurdles (men / women)        green     rectangle 10cm x 5cm ..... **Yes**      **No**

There are ten flights of hurdles marked in each lane. The distances between the hurdles in each lane are in accordance with the table in the Rule. (IAAF Rule 168.1) ..... **Yes**      **No**

The markings are on the left and right side in each lane. Markings, sizes and colours are in accordance with IAAF standard. .... **Yes**      **No**

### 5.5 International Relay Race

The following international relay races are marked on the track and the measured distances to the finish are:

**4 x 100 m Relay**

Take-over zone		Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6	Lane 7	Lane 8
4 <sup>th</sup> runner	End: yellow line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Middle: white line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Start: yellow line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Acceleration.: red	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
3 <sup>rd</sup> runner	End: yellow line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Middle: white line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Start: yellow line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Acceleration.: red	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
2 <sup>nd</sup> runner	End: yellow line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Middle: white line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Start: yellow line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Acceleration.: red	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m

The dimensions of the relay zone are in accordance with the Rule. Marking sizes and colours are in accordance with IAAF standard. (IAAF Rules 170.1, 2, 6) ..... **Yes**      **No**

**4 x 400 m Relay**

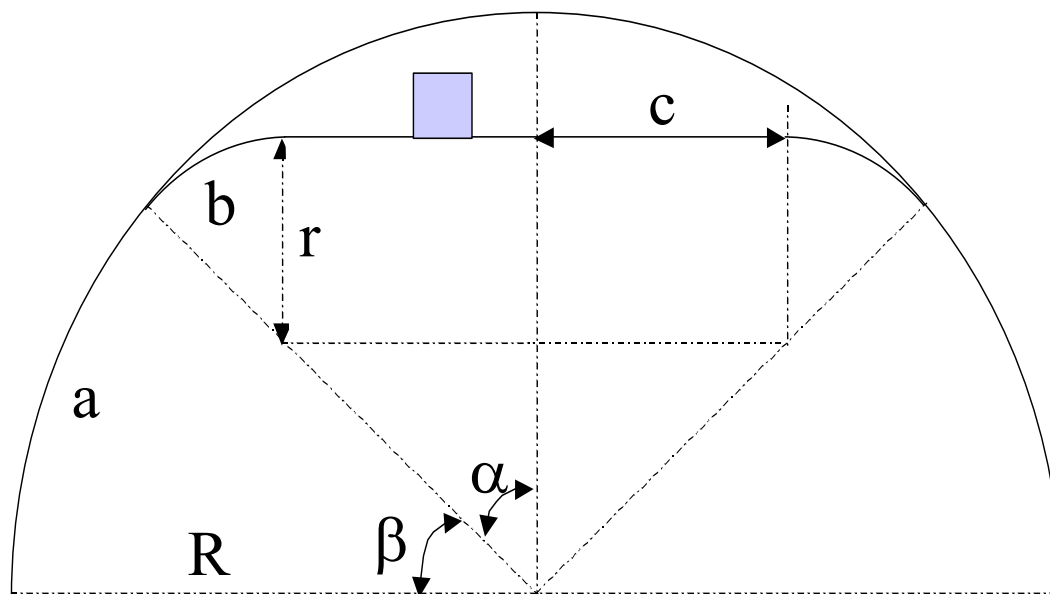
The first lap (first runner) as well as that part of the second lap up to the exit from the first bend (second runner), is to be run in separate lanes.

Take-over zone		Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6	Lane 7	Lane 8
2 <sup>nd</sup> runner	End: blue line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Middle/800m: white & green	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m
	Start: blue line	.....m	.....m	.....m	.....m	.....m	.....m	.....m	.....m

The dimensions of the relay zone are in accordance with the Rule. Markings sizes and colours are in accordance with IAAF standard. (IAAF Rules 170.1, 2, 3, 4, 5, 6) ..... **Yes**      **No**

**C. The Steeplechase Track****1. Track Details with inside Water Jump:**

	Measured	Standard IAAF	
Radius of inner lane: $R =$	.....m	36.500m	
Theoretical running line of the track: $L =$	0.300m	0.300m	
Theoretical running line of the steeple: $l =$	.....m	0.300m	
Axis: $S =$	.....m	84.390m	
Radius of steeplechase kerb $r =$	.....m	16.000m	
Angle 1 Track: $\beta =$	.....	47.2660 GON	42.5394 Grad
Angle 2 Steeplechase: $\alpha =$	.....	52.7340 GON	47.4606 Grad



### a) Calculation of the Steeplechase Lap (Water Jump inside)

		Measured	Standard IAAF	Formula
Length curve 1 (Running track):	<i>a</i>	..... m (+)	27.322 m (+)	$\frac{\pi \times \beta \times (R+L)}{180}$
Length curve 2 (Steeplechase):	<i>b</i>	..... m (+)	13.502 m (+)	$\frac{\pi \times \alpha \times (r+l)}{180}$
Length c:	<i>c</i>	..... m (+)	15.105 m (+)	
	<i>z</i>	..... m (=)	55.929 m (=)	$= a + b + c$
Steeplechase Curve:		..... m (=)	111.858 m (=)	$= z \times 2$
Normal curve:	<i>d</i>	..... m (+)	115.611 m (+)	
Steeplechase Curve:	<i>e</i>	..... m (-)	111.858 m (-)	
Shortening measure:	VM	..... m (=)	3.753 m (=)	$= d - e$
Steeplechase Lap:		..... m (=)	<b>396.247 m</b>	$= 400 - VM$

### b) Steeplechase Start Positions (Water Jump inside)

There are starts for 2000 metres and 3000 metres Steeplechase. (IAAF Rule 169.1)

	Measure <i>d</i>	Standard IAAF	Location	Difference
2000 m Steeplechase 5 VM	..... m	18.760m	in front of A	..... m
3000 m Steeplechase 7 VM	..... m	26.270m	in front of C	..... m

### 2. Track Details with outside Water Jump:

		Measured	Standard IAAF
Radius of inner lane:	<b>R =</b>	.....m	36.500m
Theoretical running line of the track:	<b>L =</b>	0.300m	0.300m
Theoretical running line of the steeple:	<b>l =</b>	0.200m	0.200m
Radius of steeplechase kerb	<b>r =</b>	.....m	36.500m



#### 4. Water Jump

	MEN		WOMEN	
	Measured	IAAF Rule	Measured	IAAF Rule
Length including the hurdle	..... m	3.640 to 3.680m	N/A	N/A
Width inside:	..... m	3.640 to 3.680m	N/A	N/A
Depth:	..... m	0,700 m	N/A	N/A
Floor length:	..... m	0,300 m	N/A	N/A
Hurdle Length	..... m	3.640 to 3.680m	N/A	N/A
Hurdle Height	..... m	0.911 to 0.917m	..... m	0.759 to 0.765m

(IAAF Rule 169.6)

### D. Facilities for Jumping Events

#### 1. Facility for High Jump

	IAAF Rule Requirement	Area A	Area B
The Runway	The minimum length of the runway is Min. 20m, if possible 25m (IAAF Rule 182.3)	..... m	..... m
	Does this length include part of the track?	Yes/No	Yes/No
The Take-off Area	The take-off area is level. (IAAF Rule 182.5)	Yes/No	Yes/No
Inclination	The maximum overall inclination of the runway and take-off area does not exceed 1:250 in the direction of the centre of the cross-bar. (IAAF Rule 182.4)	Yes/No	Yes/No

Note: Provide radial levels at 20m and 25m from the centre of the high jump take-off.

#### 2. Facility for Pole Vault

	IAAF Rule Requirement	Area A	Area B	Area A'	Area B'
The Runway	The length of the runway is: Minimum 40m, if possible 45m.	..... m	..... m	..... m	..... m
	It has a width of: Min. 1.22m, max. 1.25m.	..... m	..... m	..... m	..... m
	It is marked by white lines 50mm in width (IAAF Rule 183.6)	Yes/No	Yes/No	Yes/No	Yes/No
Inclination	The maximum lateral inclination of the runway does not exceed 1:100	Yes/No	Yes/No	Yes/No	Yes/No
	The overall inclination in the running direction does not exceed 1:1000. (IAAF Rule 182.7)	Yes/No	Yes/No	Yes/No	Yes/No

Note: Provide levels at 10m intervals from the Pole Vault Box

Pole Vault Box	Size material and construction of the Pole Vault Box is in accordance with the Rule. (IAAF Rule 183.8)	Yes/No	Yes/No	Yes/No	Yes/No
Note:	A white line 10mm wide is drawn at right angles to the axis of the runway, at the level of the inside edge of the top of the box. (IAAF Rule 183.1)	Yes/No	Yes/No	Yes/No	Yes/No

### 3. Facility for Long Jump

	IAAF Rule Requirement	Area A	Area B	Area A	Area B
<b>The Runway</b>	The length of the runway is: Minimum 40m and Maximum 45m	..... m	..... m	..... m	..... m
	It has a width of: Minimum 1.22m, maximum 1.25m.	..... m	..... m	..... m	..... m
	It is marked by white lines 50mm in width (IAAF Rule 184.2)	Yes/No	Yes/No	Yes/No	Yes/No
<b>Inclination</b>	The maximum lateral inclination of the runway does not exceed 1:100	Yes/No	Yes/No	Yes/No	Yes/No
	The overall inclination in the running direction does not exceed 1:1000. (IAAF Rule 184.3)	Yes/No	Yes/No	Yes/No	Yes/No

Note: Provide levels at 10m intervals from the Take-off board

<b>Take-off Board</b>	Provision to include Take-off Board is in accordance with the Rule. (IAAF Rule 185.7 & 8)	Yes/No	Yes/No	Yes/No	Yes/No
	The distance between the Take-off Board and the far end of the landing area is at least 10m. (IAAF Rule 185.5)	..... m	..... m	..... m	..... m
	The distance between the Take-off Board and the nearer end of the landing area is between 1m and 3m. (IAAF Rule 185.6)	..... m	..... m	..... m	..... m
<b>Landing Area</b>	The landing area has a total width of: Minimum 2.75m, maximum 3m. (IAAF Rule 185.9)	..... m	..... m	..... m	..... m
	The axis of the runway is in line with the centre line of the landing area.	Yes/No	Yes/No	Yes/No	Yes/No

### 4. Facility for Triple Jump

	IAAF Rule Requirement	Area A	Area B	Area A	Area B
<b>The Runway</b>	The length of the runway is: Min. 40m, Max. 45m	<b>Men</b> ..... m	..... m	..... m	..... m
		<b>Women</b> ..... m	..... m	..... m	..... m
	It has a width of: Minimum 1.22m, maximum 1.25m.	..... m	..... m	..... m	..... m
	It is marked by white lines 50mm in width (IAAF Rule 184.2)	Yes/No	Yes/No	Yes/No	Yes/No
<b>Inclination</b>	The maximum lateral inclination of the runway does not exceed 1:100	Yes/No	Yes/No	Yes/No	Yes/No
	The overall inclination in the running direction does not exceed 1:1000. (IAAF Rule 184.3)	Yes/No	Yes/No	Yes/No	Yes/No

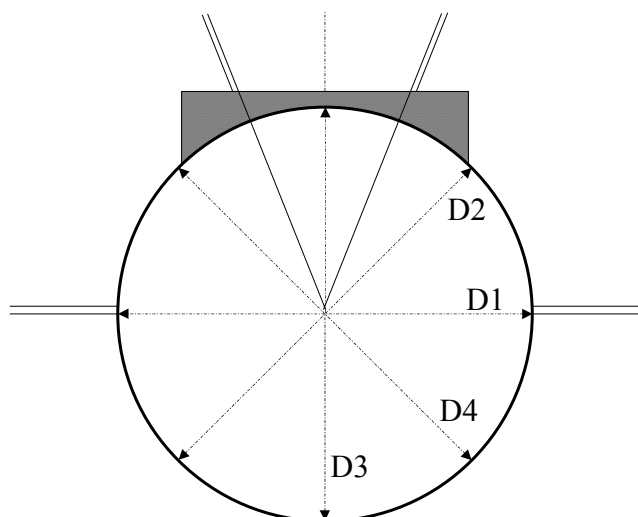
Note: Provide levels at 10m intervals from the Take-off board

	<b>IAAF Rule Requirement</b>	<b>Area A</b>	<b>Area B</b>	<b>Area A</b>	<b>Area B</b>
<b>Take-off Board</b>	Provision to include Take-off Board is in accordance with the Rule. (IAAF Rule 185.7 & 8)	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>
	The distance between the Take-off Board and the far end of the landing area is: Min. 21m. (IAAF Rule 186.3)	<b>Men</b>	..... m	..... m	..... m
		<b>Women</b>	..... m	..... m	..... m
	The distance between the Take-off Board and the nearer end of the landing area is (IAAF Rule 186.4):	<b>Men</b> <b>Min.13m</b>	..... m	..... m	..... m
		<b>Women</b> <b>Min.11m</b>	..... m	..... m	..... m
<b>Landing Area</b>	The landing area has a total width of minimum 2.75m, maximum 3m (IAAF Rule 185.9)	..... m	..... m	..... m	..... m
	The axis of the runway is in line with the centre line of the landing area.	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>

## E. Facilities for Throwing Events

### 1. Facility for the Shot Put

	<b>IAAF Rule Requirement</b>	<b>Circle A</b>	<b>Circle B</b>	<b>Circle C</b>	
<b>The Shot Circle</b>	The material of the circle is in accordance with the Rule.	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	
	The top of the circle is flush with the ground outside. (IAAF Rule 187.5)	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	
	White lines are drawn from the top of the metal rim. The construction is in accordance with the Rule. Min. 75cm long, 5cm wide (IAAF Rule 187.7)	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	
	The interior of the circle is constructed of:	.....	.....	.....	
	The surface is level and lower than the upper edge of the rim of the circle.	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	
	The rim is min. 6 mm thick and painted white	<b>Yes/No</b>	<b>Yes/No</b>	<b>Yes/No</b>	
	The circle has an inside diameter of Min 2,130 m Max 2,140 m (IAAF Rule 187.6)	<b>D1</b>	Diameter	..... m	..... m
			Circle depth	..... mn	..... mn
			Circle depth	..... mn	..... mn
	The circle has a depth of: Min 14 mm Max 26 mm (IAAF Rule 187.5)	<b>D2</b>	Diameter	..... m	..... m
			Circle depth	..... mn	..... mn
			Circle depth	..... mn	..... mn
		<b>D3</b>	Diameter	..... m	..... m
			Circle depth	..... mn	..... mn
Circle depth			..... mn	..... mn	
	<b>D4</b>	Diameter	..... m	..... m	
		Circle depth	..... mn	..... mn	
		Circle depth	..... mn	..... mn	
	<b>Circle depth at centre</b>	..... mn	..... mn	..... mn	



The Stop Board must be checked before a meeting

	IAAF Rule Requirement	Circle A	Circle B	Circle C	
<b>The Landing Sector</b>	The landing sector consist of: (IAAF Rule 187.10)	.....	.....	.....	
	The maximum overall downward inclination of the landing sector in the putting direction does not exceed 1:1000. (IAAF Rule 187.11)	10m	.....%	.....%	.....%
		15m	.....%	.....%	.....%
		20m	.....%	.....%	.....%
		25m	.....%	.....%	.....%

## 2. Facility for Discus Throw

	IAAF Rule Requirement	Circle A	Circle B
<b>The Discus Circle</b>	The material of the circle is in accordance with the Rule.	<b>Yes/No</b>	<b>Yes/No</b>
	The top of the circle is flush with the ground outside. (IAAF Rule 187.5)	<b>Yes/No</b>	<b>Yes/No</b>
	White lines are drawn from the top of the metal rim. The construction is in accordance with the Rule. (IAAF Rule 187.7) Min. 75cm long, 5cm wide	<b>Yes/No</b>	<b>Yes/No</b>
	The interior of the circle is constructed of:	.....	.....
	The surface is level and lower than the upper edge of the rim of the circle.	<b>Yes/No</b>	<b>Yes/No</b>
	The rim is min. 6 mm thick and painted white	<b>Yes/No</b>	<b>Yes/No</b>

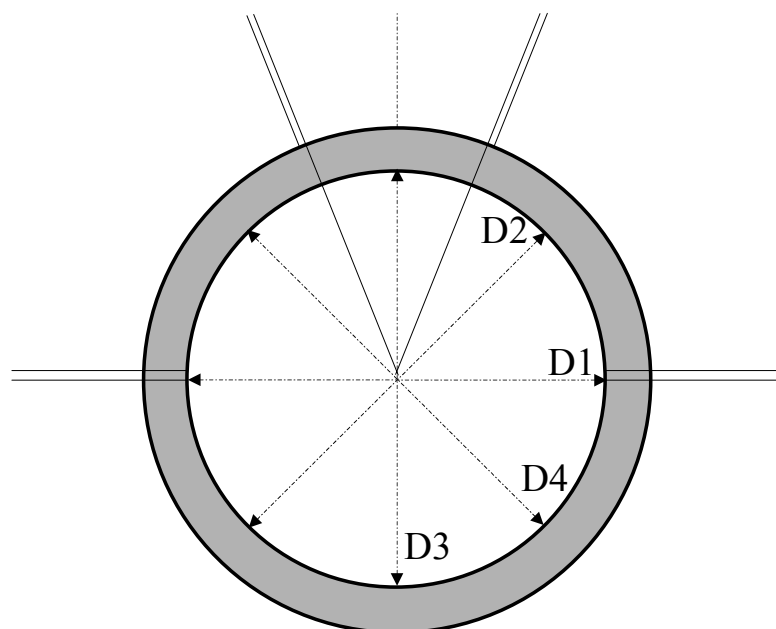
	IAAF Rule Requirement		Circle A	Circle B	
<b>The Discus Circle</b>	The circle has an inside diameter of Min 2,495 m Max 2,505 m (IAAF Rule 187.6)	<b>D1</b>	<b>Diameter</b>	..... m	..... m
			<b>Circle depth</b>	..... mm	..... mm
			<b>Circle depth</b>	..... mm	..... mm
		<b>D2</b>	<b>Diameter</b>	..... m	..... m
			<b>Circle depth</b>	..... mm	..... mm
			<b>Circle depth</b>	..... mm	..... mm
	The circle has a depth of: Min 14 mm Max 26 mm (IAAF Rule 187.5)	<b>D3</b>	<b>Diameter</b>	..... m	..... m
			<b>Circle depth</b>	..... mm	..... mm
		<b>Circle depth</b>	..... mm	..... mm	
	<b>D4</b>	<b>Diameter</b>	..... m	..... m	
<b>Circle depth</b>		..... mm	..... mm		
<b>Circle depth</b>		..... mm	..... mm		
		<b>Circle depth at centre</b>	..... mm	..... mm	
<b>The Landing Sector</b>	The landing sector consist of: (IAAF Rule 187.10)				
	The maximum overall downward inclination of the landing sector in the throwing direction does not exceed 1:1000. (IAAF Rule 187.11)	<b>30m</b>	.....%	.....%	
		<b>50m</b>	.....%	.....%	
		<b>70m</b>	.....%	.....%	
		<b>80m</b>	.....%	.....%	

### 3. Facility for Hammer Throw

The hammer could be thrown from the Discus circle provided the diameter of this circle is reduced from 2.5m to 2.135m by placing a circular ring inside.

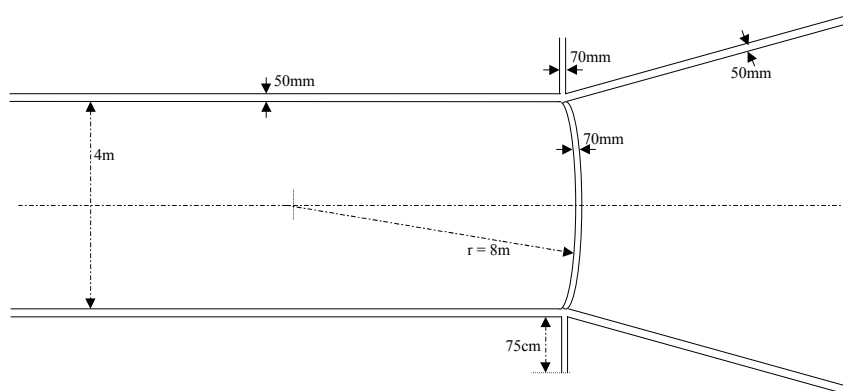
	IAAF Rule Requirement		Circle A	Circle B		
<b>The Circle</b>	<b>Hamme</b>	The material of the circle is in accordance with the Rule.	<b>Yes/No</b>	<b>Yes/No</b>		
		The top of the circle is flush with the ground outside. (IAAF Rule 187.5)	<b>Yes/No</b>	<b>Yes/No</b>		
		White lines are drawn from the top of the metal rim. The construction is in accordance with the Rule. (IAAF Rule 187.7) Min. 75cm long, 5cm wide	<b>Yes/No</b>	<b>Yes/No</b>		
		The interior of the circle is constructed of:	.....	.....		
		The surface is level and lower than the upper edge of the rim of the circle.	<b>Yes/No</b>	<b>Yes/No</b>		
		The rim is min. 6 mm thick and painted white	<b>Yes/No</b>	<b>Yes/No</b>		
		The circle has an inside diameter of Min 2,130 m Max 2,140 m (IAAF Rule 187.6)	<b>D1</b>	<b>Diameter</b>	..... m	..... m
				<b>Circle depth</b>	..... mm	..... mm
				<b>Circle depth</b>	..... mm	..... mm
			<b>D2</b>	<b>Diameter</b>	..... m	..... m
<b>Circle depth</b>	..... mm			..... mm		
<b>Circle depth</b>	..... mm			..... mm		

		IAAF Rule Requirement		Circle A	Circle B	
The Circle	Hamme	The circle has a depth of: Min 14 mm Max 26 mm (IAAF Rule 187.5)	D3	Diameter	..... m	..... m
				Circle depth	..... mm	..... mm
				Circle depth	..... mm	..... mm
			D4	Diameter	..... m	..... m
				Circle depth	..... mm	..... mm
				Circle depth	..... mm	..... mm
				Circle depth at centre	..... mm	..... mm
The Landing Sector	The landing sector consist of: (IAAF Rule 187.10)					
	The maximum overall downward inclination of the landing sector in the throwing direction does not exceed 1:1000. (IAAF Rule 187.11)			30m	.....%	.....%
				50m	.....%	.....%
				70m	.....%	.....%
				80m	.....%	.....%



#### 4. Facility for Javelin Throw

		IAAF Rule Requirement	Runway A	Runway B
The Runway	The length of the runway is: Minimum 30m, Maximum 36.5 m		.....m	.....m
	It is marked by two parallel white lines 50mm wide and 4m apart. (IAAF Rule 187.9)		Yes/No	Yes/No
	The size and construction of the arc is in accordance with the Rules. (IAAF Rule 187.9)		Yes/No	Yes/No
	The maximum lateral inclination of the runway does not exceed 1:100.		Yes/No	Yes/No



	IAAF Rule Requirement	Runway A	Runway B
<b>The Runway</b>	The maximum overall longitudinal inclination of the runway in the running direction does not exceed 1:1000 downward (IAAF Rule 187.9).	<b>0m</b>	.....%
		<b>10m</b>	.....%
		<b>20m</b>	.....%
		<b>30m</b>	.....%
		<b>36.5m</b>	.....%
<b>The Landing Sector</b>	The landing sector consist of: (IAAF Rule 187.10)		
	The maximum overall downward inclination of the landing sector in the throwing direction does not exceed 1:1000. (IAAF Rule 187.11)	<b>30m</b>	.....%
		<b>50m</b>	.....%
		<b>70m</b>	.....%
		<b>90m</b>	.....%

## F. Conclusions

The competition area was checked regarding layout, gradient and dimensional accuracy.

We hereby certify that all measurements and information shown in this report are accurate and are the result of a well-conducted survey.

Considering the attached measurements made during the inspection of the track, we recommend that the facility be granted an IAAF Class 2 Certificate. .... YES NO\*

\*Please find below the reason why the track does not come under the IAAF Rules.

.....

Date: .....

Surveyor Name: .....

Signature: .....

## GENERAL CONDITIONS

IAAF Rule 140 requires that all tracks intended for use for competition under Rule 12.1(a) to (h) must conform to the stringent requirements for accurate measurement contained in IAAF rules and, more specifically, in the IAAF Manual on Track and Field Facilities.

The above Measurement Report duly filed by a fully qualified surveyor is one of the requirements to issue an IAAF Track Facility CLASS 1 or CLASS 2 Track Facility Certificates.

Application forms for Track Facility Certificates may be made by an agent on behalf of the track owner but should be signed by the track owner as IAAF will require an undertaking that any changes, (relining etc.) will be immediately notified to IAAF.

Certificates issued under this scheme will normally be valid for not more than four years. In the event of track remarking IAAF shall be informed and new measurement certificates must be provided.

All removable facilities such as Hurdles, Barriers for Steeplechase, Stop board, Throwing Cage have to be inspected before a Meeting and are not part of this report.

---

**Owner of the track:** .....

**Address** .....

.....

**Tel:** .....

**Fax:** .....

**Date:** .....

**Signature:** .....