

APPLICATION FOR CERTIFICATION OF A ROAD COURSE
The Electronic Distance Meter Method for Extremely Straight Courses

1. Name this Course will be Known By **Mid-Town 2 km Race Walk**
2. Advertised Race Distance **15 km** Race Date **August 6, 2006**
3. Location of Start **Minneapolis, MN** Finish (if different) **same**
4. Person in Charge of Measurement: **Bruce Leasure** **651-330-9355**
638 Summit Ave. **bruce638@comcast.net**
Saint Paul, MN 55105-3435
5. Race Director (if course is measured for a specific race): **same**
6. Should this course replace a previously-certified course? **NO**
If so, give name/number of course to be replaced.

ELECTRONIC DISTANCE METER INFORMATION

7. Make **Pentax Theodolite** Accuracy: **0.01 inch**

SUMMARY OF MEASUREMENTS

10. Date(s) of measurements **November 6, 2005**
11. How many measurements of the course were made? **one**
12. Name(s) of measurer(s) **Bruce Leasure & Dave Daubert**
13. Exact length of course **2002.44m**
16. Is your **course measurement data sheet** attached? **YES**

COURSE LAYOUT AND MARKING

17. Is your **course map** attached? **YES**

NOTE: The course map need not be to scale but must indicate direction of north. It must be black & white and fit on 8.5x11 paper. Descriptions of the **exact** positions of the **start, finish,** and all **turn-arounds** relative to permanent landmarks must be included on the map. Details of any restricted portions where cones and monitors are required must be detailed. Include a line representing the actual measured path. **Done**

18. List all intermediate **splits** (attach list describing the position of each relative to permanent landmarks).
All km splits located at the same point as the start line.
Direction of race is immaterial as each 1/2 of the course is 1001 meters long.
19. How far from the curb (edge of pavement) did you measure on curves? **6 inches**
20. If your course contains pairs of opposite turns (right-to-left or left-to-right) did you follow the shortest diagonal path? **YES** Be sure your map shows the exact measured path. **Done**

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21. Does your course contain any turn-around (double-back) points? **YES**
If YES, show them on course map, located exactly. **Done**
22. Does your course include any winding or "S" curved sections? **YES**
If YES, be sure your map makes it clear how you measured. **Done**
23. Did you measure an **unrestricted** route? **NO**
Do the runners have use of the entire road, from curb to curb? **NO**
If your course requires cones or barriers to keep runners on the proper route, be sure your map shows their exact locations, just as you would locate the start and finish. **Done**
24. Type of course (check one):
☒ **one loop 7½ for 15 km times** ☐ Same out/back ☐ time(s)
☐ figure-8 ☐ time(s) ☐ several out/back sections
☐ partial loop ☐ keyhole (out/loop/back)
☐ complex of different loops ☐ point-to-point
25. Straight-Line Distance (as the crow flies) between Start and Finish **0 m – Same Location**
26. Altitude of Race Course above mean sea level (meters or feet – please specify which!):
Start/Finish **273m** Highest **276m** Lowest **271m**
27. Type of surface (give percentages):
☐ curbed streets ☐ ungraded dirt road
☐ uncurbed streets/roads ☐ gravel road
☐ concrete sidewalk ☐ undefined paved surface
☐ concrete/brick streets/roads ☐ undefined dirt surface
☒ **paved bike path** ☐ undefined grass surface
☐ unpaved bike path trail (single file) ☐ track (curbed or uncurbed)
☐ graded dirt road
- If your course includes any unpaved sections, please attach a detail of the method(s) used to measure such sections.
28. Have you included your start, finish and turn-around (if applicable) diagrams on your map **YES**
29. How did you mark the start and finish points (and turn-around points)?
Start/Finish: PK Nail near north edge of path
Turnarounds: PK Nail in center of bike path at turnaround center
PK Nail in center of bike path further from start for radius of turn around
31. Describe weather conditions **40 degrees F and cloudy**