

## APPLICATION FOR VERIFICATION OF A ROAD COURSE

**Name of event:** NEDBANK Runified 50km World record attempt

**Advertised race distance:** 50km **Race date:** 23/05/2021

**Race director:** Nick Bester : Nick B Sport Promotions

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**Name of measurement team leader:** Gavin Wright

**Address:** 13 Lakeshore, Chester Road, Lakeside, Cape Town, 7945

**Cell Phone:** +27 72 142 7263

**E-mail:** [gavin@nossobaccounting.co.za](mailto:gavin@nossobaccounting.co.za)

**Location of start:** Marine Drive, Port Elizabeth, at the bus shelter opposite the park and between 8<sup>th</sup> Avenue and Torquay Street. A nail in the road, 11.45m from the bus shelter and 5.4m from the start of a small fence indicates the start point. Facing south

**Location of finish:** Marine Drive, Port Elizabeth, at the bus shelter opposite the park and between 8<sup>th</sup> Avenue and Torquay Street. A nail in the road, 11.45m from the bus shelter and 5.4m from the start of a small fence indicates the finish point. Facing south

**Type of terrain (please tick):**  Flat  Undulating  Hilly

**Type of course (Please tick):**  Loop  Out & back  Point to point  Other

**Altitude (in meters above sea level):** **Start** 9m **Finish** 9m

**Distance, in a straight line, between start and finish:** 0.00 km ( 0.00%)

# **NEDBANK Runified 50km World record attempt**

**23 May 2021**

## **Report on Measurement of the Route**

### **Background:**

The race was held on 23 May 2021 and was measured by Norrie Williamson. Due to the fact that two world records were run on the route, I was asked to verify the distance measured previously.

### **Design and Measurement of the Route:**

The route is a re-measure of an existing route which was last measured on 28 April 2021 by Norrie Williamson.

I initially started with the assistance of local measurer Jan van Eeden by checking the calibration course with a steel tape before doing my calibration rides. The calibration course was 100% correct.

The route consists of five 10km loops in Marine Drive, Port Elizabeth, and barring a section of the route between 2<sup>nd</sup> Avenue and Kings Beach, the runners run with the traffic at all times.

Bearing this in mind, I decided firstly to measure the section where the runners run against the traffic from the turn point near Kings Beach to 2<sup>nd</sup> Avenue with the traffic in the western lane, and then to return to the turn point and measure from there along the balance of the route, riding with the traffic in the eastern lane, all the way around the route, back to the point in 2<sup>nd</sup> Avenue where I stopped my initial measurement and thus to complete the full 10km loop.

In addition I stopped and took readings at the start/finish line as well as at the 42.195km mark (2.195Km after the start/ finish) to verify the marathon distance at the same time.

After my post calibration rides I found the 50km route to be 50.073 km, 73.1m long ignoring the short course prevention factor. Similarly the marathon was measured to be 42.256km in length, 61.3m long.

### **Calibration Course:**

A calibration course of 300 meters was measured by steel tape on the sidewalk Aloe Road within the precincts of the Nelson Mandela Bay University during a course measurers course held by Norrie Williamson. This course has been used regularly over the years and is well maintained. Along with Jan van Eeden, I checked the calibration strip on 22 November using a steel tape, and found it to be correct.

A drawing of the strip is included in the report.

### **Documentation of the Route:**

Every kilometer of the route was marked and documented during the initial measurement, and was not required for validation purposes

### **Recommendations:**

I am convinced that the total distance of the race is not shorter than 50.000 kilometers, but rather a little bit longer

**Gavin Wright**

**23 November 2021**



## SUMMARY OF MEASUREMENTS

### NEDBANK Runified 50km World record attempt

23 May 2021

**Date(s) of measurement:** 22 November 2021

**How many measurements of the course were made?** Two

**Names of measurers:** Norrie Williamson on 28 April 2021 and then by myself on 22 November 2021

**How much of the road width is available to runners throughout the length of the road race course:** Almost the entire route is run with the traffic using the entire left hand lane of the road

**If the route at turns cannot be described as the 'shortest possible route', explain what restrictions will apply, and how these will be enforced?** The route was measured as described separately and with the help of traffic police and marshals the runners will be forced to follow the route as it was measured.

**Length of courses after any adjustment:** 50 000 m

**Difference between longest and shortest measurement:** 73.1m ignoring the scpf

**Which measurement was used to establish the final course length and WHY?**

Norrie Williamson's ride on 28 April was taken as being correct, the race was run on that route. My ride was a validation of his after world records run on the route needed to be verified.

**Gavin Wright**

**23 November 2021**



## THE CALIBRATION COURSE

1. **Name of event:** Nedbank Runified 50km World record attempt
2. **City/Town:** Port Elizabeth, South Africa
3. **Location of calibration course:** on tarred road in Aloe Street, Nelson Mandela Bay University, Port Elizabeth
4. **Length of calibration course:** 300 meters
5. **Date(s) measured:** 2021/11/22
6. **Method used to measure calibration course:** Steel tape
7. **How many times did you measure the calibration course?** Twice (initially by N Williamson)
8. **Measurement team leader:** Gavin Wright
9. **Address of team leader:** 13 Lakeshore, Chester Road, Lakeside, Cape Town, South Africa
10. **Phone contact of team leader:** +27 72 142 7263
11. **Email address of team leader:** gavin@nossobaccounting.co.za
12. **List names and duties of team members:** Jan van Eeden ASA route measurer assisted
13. **Is the calibration course:** **STRAIGHT?** Yes **PAVED?** Yes (tarred)
14. **How are the start and finish points marked?** Nail in tar and paint mark
15. **Is the start and finish point located in the road where a bicycle wheel can touch them, or elsewhere?**  
Yes, bicycle wheel can touch both.
16. **Bicycle check. This is a check against miscounting the number of tape lengths. (If you use a gross measurement check other than a bicycle, please explain).** Checked by a second measurement.
  - A. Counts for full calibration course
  - B. Counts for one tape length
  - C. Divide A by B
  - D. Number of full tape lengths
17. **Submit a map of this calibration course, showing direction of north, the name of the street (and relevant cross streets), and the exact locations of start and finish points, including taped distances from nearby permanent locations.**