

# EVJENVEIEN CALIBRATION COURSE

Tromsø, Norway

500,00m

Measured on 2016-08-16, using a steel tape tensioned to 50N, by:

Jan Schjetlein, team leader, and  
Nils Hætta, holding tape to mark  
Ingvild Helgesen, making mark

The course is on a straight tarmac road with gentle incline from south to north.  
It is marked at either end by nails on the west side of the road.

Altitude 7-12m

## STEEL TAPING DATA

Start time 12:45

Finish time 13:15

Average temp = 17°C

### I. First measurement

a. 5 tape lengths of 99,9m + 0,500m = 500,000m

### II. Second measurement (opposite direction)

a. 5 tape lengths of 99,9m + 0,450m = 499,950m

### III. Uncorrected measurement of course = 499,975m

### IV. Correction factor = $1 + (0,0000116 \times (17-20)) = 0,9999652$

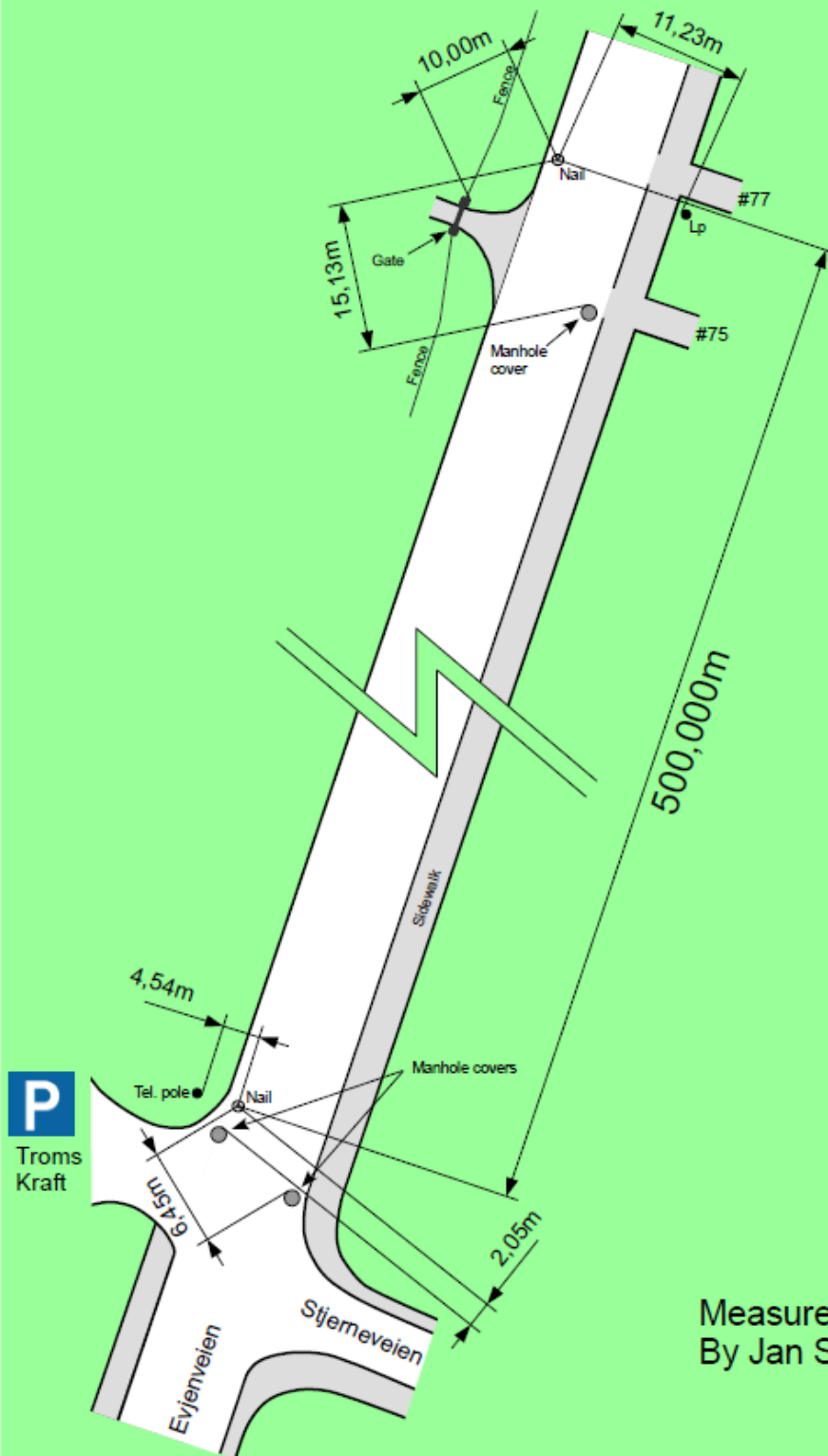
V. Corrected measurement = uncorrected measurement x correction factor  
= 499,975m x 0,9999652  
= 499,9576m

### VI. To obtain an exact 500m length, 42mm was added to the calibration course as temperature correction. The end point was marked with a nail.

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By Jan Schjetlein