

SELTEVEIEN CALIBRATION COURSE

Hole, Norway

400,00m

Measured on 2021-10-15, twice, using a 100m steel tape tensioned to 50N, by:

Jan Schjetlein (team leader), Peer Jensen, Tom-Erik Lukkedal and NN.

The course is on a straight, flat tarmac road.

It is marked at either end by nails on the west side of the road.

Altitude 77 m

STEEL TAPING DATA

Start time 11:45

Finish time 12:15

Average temp = 10,5°C

I. First measurement

- a. 4 tape lengths of 99,000m + 4,000m = 400,000m

II. Second measurement (opposite direction)

- a. 4 tape lengths of 99,000m + 4,010m = 400,010m

III. Uncorrected measurement of course = 400,005m

IV. Correction factor = $1 + (0,0000116 \times (11-20)) = 0,9998898$

V. Corrected measurement = uncorrected measurement x correction factor

- i. $= 400,005 \times 0,9998898$

- ii. $= 399,961 \text{ m}$

VI. To obtain an exact 400m length, 39 mm was added to the calibration course as temperature correction. The end point was marked with a nail.

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Measured October 15th 2021

By Peer Jensen and Jan Schjetlein

