

BICYCLE CALIBRATION DATA SHEET

Name of event: _____

Date of measurement _____

Name of measurer: _____

Length of calibration course: _____

PRE-CALIBRATION - ride the calibration course four times, recording data as follows:

Ride	Start count	Finish count	Difference
1			
2			
3			
4			

Time of day: _____ Temperature: _____

WORKING CONSTANT = number of counts in one kilometre, calculated from the pre-measurement average count, and multiplied by 1.001 – the 'short course prevention factor'

Pre-measurement average count =

Counts per km = pre-measurement average count x 1000/length of calibration course in metres

Working Constant = counts per km x 1.001 =

POST-CALIBRATION - ride the calibration course four times, recording data as follows:

Ride	Start count	Finish count	Difference
1			
2			
3			
4			

Time of day: _____ Temperature: _____

FINISH CONSTANT = number of counts in one kilometre, calculated from the post-measurement average count, and multiplied by 1.001 – the 'short course prevention factor'

Post-measurement average count =

Counts per km = post-measurement average count x 1000/length of calibration course in metres

Finish Constant = counts per km x 1.001 =

CONSTANT FOR THE DAY = the average of the working constant and the finish constant =