

CONTRACT/AUTHORITY TO CALIBRATE BRAKEMETER

Please complete & return this form to us with your brakemeter as authorisation to perform the calibration.

Company Name:

Address:

Tel No:

Email address:

Meter Type (Please tick as applicable):

Bowmonk Mechanical

Tapley Mechanical

Bowmonk Brakecheck/EBM

Meter Serial No: _____

Signature:

Date:

The Bowmonk Laboratory is accredited by UKAS to calibrate brakemeters in accordance with EN ISO/IEC 17025. The calibration will include a UKAS calibration certificate unless otherwise agreed by the customer. The brake meter will be calibrated to a procedure as agreed with UKAS, using a purpose built dedicated inclinable test rig.

Meters of Bowmonk manufacture: The reading is taken from the side of the recording needle, which touches the main needle on meters of Bowmonk manufacture.

Meters of Tapley manufacture: The reading is taken from the reading displayed on the scale between the two arrows on meters of Tapley manufacture. Bowmonk BrakeCheck/Tapley EBM: The reading is taken from the digital display of the BrakeCheck/Tapley EBM shown as a percentage. During the calibration process we will adjust your BrakeCheck/Tapley EBM to ensure it is reading as close to optimum performance as possible in order to ensure best ongoing functionality unless otherwise requested.

Should your Brakemeter require any additional service or adjustment work, we will advise you in advance.

The brakemeter will be calibrated within the limits specified by the DVSA which states that performance readings shall be accurate to within +/-3 % of the true value in g.

Uncertainty of measurement: **Mechanical brake meters:** +/- 1.0 % g. Taking these figures into account, Bowmonk Ltd operates a +/- 2.0 % g pass tolerance for mechanical brake meters.

Uncertainty of measurement: **Electronic brake meters:** +/- 2.0 % g. Taking these figures into account, Bowmonk Ltd operates a +/- 1.0 % g pass tolerance for electronic brake meters.

These results relate only to the item calibrated. Date for next calibration will be shown on a label on the brakemeter unless otherwise requested by the customer.