



By Appointment to
Her Majesty The Queen
Supply and Maintenance
of Horse Weighing Equipment

Horse Weigh®

CHECK WEIGH ACCURACY PROCEDURE

- 1) Carry out the check weigh procedure annually or bi-annually; note the results
- 2) Select 0.1kg (0.22Ib) increment on the weight read-out unit
- 3) Use known "dead weights" such as tractor ballast weights, ideally to a total weight of 60kgs (132Ibs); 4-5 x large liquid containers would also be suitable, filled with water or sand, & calibrated (to the nearest 0.1kg/0.2Ib) at a licensed food outlet, such as a farm shop. Please do not use any type of produce, as they may have dried out since their packaging, & therefore will have lost weight. Mark the calibrated weights on the containers to the nearest 0.1kg/0.2Ib, and securely store them

Please make sure that the weights of the dead weights – if stamped on them – are correct and accurate to 0.1kg (0.22Ib)

- 4) Place the known dead weights in the "middle" of the weighing platform & note their weight on the weight read-out unit
- 5) The registered weight must be within +/-1% of their weight, to be performing within the Horse Weigh accuracy guarantee - for example
 - for 60kgs (132Ibs) of dead weight, the registered weight must read between 59.4kgs (130.7Ibs) & 60.6kgs (133.3Ibs)
- 6) If not, then inspect for the following:
 - there are no cuts in the blue cables
 - the blue cables are not caught under the black rubber feet of the weighing platform & "all the black rubber feet are very very tight"
 - the blue cables are correctly attached to the weight read-out unit
 - the weighing platform is not touching any walls or barriers
 - there is no build-up of materials underneath the weighing platform

If any of the above 5 scenarios are found, then correct, as required

- 7) Carry out Steps 2 – 5 again; if still not registering within +/-1% of the known dead weight, contact Horse Weigh (see below) or the Horse Weigh After Sales Service Department – paul.dalton@ritchey.co.uk
- 8) If applicable, re-select the weight read-out increment used prior to 2) above

Please Note – at the time of manufacture, the weighing platform load cells are calibrated; this lasts for their life time, as their calibration technology is sealed. However, if a major repair is required at the factory/at one of the Horse Weigh After Sales Service Centres, then prior to their re-use, the load cells/bars are re-calibrated

Steps 1-8 then become applicable once again

Neuadd Isaf, Penybont, Llandrindod Wells, Powys, LD1 5SW, United Kingdom
Tel: +44(0)1939 220667 Fax: +44(0)1939 220667 Mob: +44(0)7774 783247
Email: william@horseweigh.com www.horseweigh.com