



UKWF Proposal for working with trainee Inspectors of Weights and Measures

16th March 2023

Overview

- It is an obligation for trainee weights and measures inspectors to gain experience in testing and verifying a range of weighing and measuring instruments
- There is a specific list of those instruments (available on the last slide)
- There is currently great difficulty in trainee inspectors gaining that experience – especially from smaller local authorities which have more limited resources



Chartered Trading
Standards Institute

Proposal



- Many UKWF members manufacture, import, supply and verify instruments that inspectors need to have experience on
- Companies that wish help with this scheme will organise “open days” where several inspectors will visit your factory. The day will involve:
 - A morning session on theory
 - A practical session in the afternoon to enable the trainees to write a report for confirmation by their authorities

Commitment for UKWF Members



To commit to one or two days a year to allow several trainee inspectors to come to your premises

To commit one or two qualified engineers to chaperone and train the trainee inspectors

To have appropriate weighing instruments, weights and other paperwork available for the day

To provide a contact point for trainees' questions

To provide lunch

How would this work ?

- The morning session would be in the “classroom” giving the opportunity to explain:
 - Legal metrology theory applicable to your instruments
 - The operation and competence of your business
 - How your company undertakes initial verifications, re-qualifications and calibrations
 - The procedures and paper-work that you use
- The afternoon session would allow practical experience and guidance on the instruments available

How would this work ?

- Outstanding questions on how this can work
- How many trainees can you accept on one of the training sessions ?
- What costs would you expect ?
- Would it be beneficial to have the technical officer present for these days?

Next steps ?



- Companies to volunteer to the UKWF with proposed dates and the instruments they have available
- Work with CTSI to secure their ownership of the booking process, and communicate and publicise this to CTSI members
- To aim to have this project operational for the academic year beginning in September 2023

	Obligatory	At least one from	Optional				
				Planned date	Own Authority	Date of test	Date signed off
1. Non Automatic weighing equipment							
Non self indicating counter machine	One from this block						
Non self indicating deadweight machine							
Mechanical self indicating							
Light/heavy or trade comparator							
Self indicating NAWI under 30kg							
Self indicating NAWI (medical weighting)							
Self indicating NAWI under 30kg with EPOS							
Self indicating NAWI over 1000kg							
Weigh Pads							
Self indicating NAWI over 20,000kg							
Counting machine							
Multirange NAWI	One from this block						
Multiinterval NAWI							
Class I NAWI	One from this block						
Class II NAWI							
Equal armed beam scale							
TSS balance of precision							
Comparator							
2. Automatic weighin machines							
Automatic checkweighter							
Catchweighers							
Automatic gravimetric filling machine	One from this block						
Automatic filling machine							
Discontinuous totaliser	One from this block						
Dynamic acle weigher							
Automatic rail weigher							
On board weigher							
Belt weigher							