

TECHNICAL OFFICERS REPORT

Ian Turner

SUBJECTS TO DISCUSS

- In- service inspection project
- Primary Authority Relationship
- UKWF Examination
- UKWF Website
- Other UKWF matters
- Update on EN45501
- Changes to EMC Immunity
- Legislative Changes

IN-SERVICE INSPECTION DOCUMENT

- This project has been put on hold at the moment
- Intended to bring the benefits of earned autonomy to the members of the UKWF
- Felt that there is insufficient enforcement to need to have earned autonomy
- General feeling that we already have the autonomy

PRIMARY AUTHORITY

- Attempted to try and arrange a Primary Authority relationship with Hertfordshire Trading Standards
- The legislation made this too difficult to achieve
- Managed to organise a Home Authority
- Have managed to see benefits already in the support given by Hertfordshire and the entire metrology community
- Most noticeably with the matter of 10volts per meter

UKWF TRAINING COURSE

- This will be an examination aimed at a field engineers
- Will have a workbook for the type of instrument you supply
- A written examination
- Will be accredited by the Trading Standards Institute
- Draft course content is on the website
- Launched by the 1st April 2012
- Comments by the 1st December 2011

UKWF WEBSITE

- After the talk at the last regional meeting
- UKWF has now entered the 21st Century!
- On the website we have three buttons
- Twitter
- Linkdin
- Word press Blog

OTHER UKWF MATTERS

- The “Red Tape Challenge”
- This is a method of making our views known to government
- Very important to use these vehicles in making our views known to government
- If we do not do these things we cannot then complain at the outcome
- Have managed to prevent further changes to legislation in the medium term

OTHER UKWF MATTERS

- Review of the powers available to Trading Standards Officers
- Have lobbied for the maintenance of the position of the Inspector of Weights and Measures
- This is being challenged at the central government level
- Believe the present framework is too restrictive
- If we want to keep a trained and qualified inspectorate we must use all channels available to us.

OTHER UKWF MATTERS

- The members questionnaire
- This is a crucial source of information when making views on your behalf
- Without the information government can easily dismiss what we have to say.
- I must encourage you to complete the questionnaire and send it to Martina
- Would be keen to know what changes you may like to make it more usable and likely to be completed

LEGISLATIVE CHANGES

- The matter of EMC Immunity for NAWIs
- The OIML R76 states that immunity value must be 10v per meter for radiated electromagnetic immunity
- The present version of EN45501 allows for 3v per meter for radiated electromagnetic immunity
- The timescale for completing the harmonised standard is 2013
- The commission will state that EN45501 will not offer compliance with the Essential Requirements

LEGISLATIVE CHANGES

- The Commission and a number of member states have pushed for the implementation of the higher level of immunity immediately
- Recent discussions at the measuring instruments committee to discuss this have resulted in the proposal of a one year derogation from the date of the publication of a commission note on this subject
- UKWF have lobbied for a three year derogation

LEGISLATIVE CHANGES

- The important point for manufacturers is that the 10v criteria will change
- It would be the view of the UKWF that you must have all new or amended type approvals tested to the 10v immunity
- It is likely that to comply fully with the legislation you must have existing type approvals comply with 10v per meter
- As soon as this becomes clearer information will be on the UKWF website

LEGISLATIVE CHANGES

- Anticipating a practical view from both the NMO and Trading Standards Departments
- Must demonstrate our utmost to comply with the requirements when the matter has been decided
- The sooner we act now the more time that we are allowing ourselves
- Would be useful to ascertain how many instruments do not comply
- Would be useful to ascertain the cost of compliance

CHANGES TO THE PRESCRIBED WEIGHTS OF BREAD

- Legislation allows for loaves of bread to be made in any weights
- This has no affect on the on the requirements relating to the legal obligations relating to bakers
- Any non-automatic weighing instruments must have a type approval, be verified a have the appropriate markings
- Automatic –catchweighers must have a type approval, be verified and have the appropriate markings
- Automatic –checkweighers must be suitable for the purpose for which they are used.

CHANGES TO THE STANDARD EN45501

- The standard EN45501 is in the process of being harmonized
- The most recent draft can be found on the UKWF website
- John has kindly provided a cross-reference table for the old standard and the new standard
- Likely to be published in early 2013

CHANGES TO THE STANDARD EN45501

- Standard will be expanded to include battery and other power sources (3.9.3)
- Standard will cover families of instruments and the approval of modules (3.10.3)
- Extra EMC tests for instruments powered by road vehicles (5.4.3)
- Additional requirements for software controlled devices (5.5)
- Extra marking on the instrument (7.1)

CHANGES TO THE STANDARD EN45501

- Includes extended guidance on the verification check, increase in the software checks on visual examination(8.3)
- Increase in the EMC Immunity to 10v per meter
- Additional examinations and tests for software controlled instruments
- The easiest way is to sit with the two standards

4TH DRAFT OF THE R50 DOCUMENT

- 4th Draft of the review of R50 has been completed
- The copies of the draft are on the website
- The changes can be seen on the highlighted copy
- If you have any comments please let me know