

CECIP WEBINAR – ‘CERTIFICATION IN ONE DAY’

The industry view

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- **The background**
- **EU protection of consumers**
 - **Health**
 - **Safety**
 - **Economy**
- **Need of reliable instruments -> certification**

- **The weighing instruments frame**

- **Directive 2014/31/EU -> NAWI**
- **Directive 2014/32/EU -> MID -> AWI**

- **Modules to be complied for the evaluation of conformity and accesing EU market :**
 - **B+D**
 - **B+F**
 - **G**
 - **H1 (only AWI)**

- **The modules for the evaluation of conformity**
- **Module B -> EU-Type examination**
- **Module G -> conformity based on unit verification**
- **Module H1 -> conformity based on full quality assurance plus design examination**

- **The modules for the evaluation of conformity**

- **Module B -> EU-Type examination**
 - **Compulsory to apply for a certificate for the type in a designated Notified Body**

- **Module G -> conformity based on unit verification**
 - **Individual tests over individual instrument**

- **Module H1 -> conformity based on full quality assurance plus design examination**
 - **Certificate of design necessary**

- **Only realistic solution -> module B**
 - **Preparation of prototype(s)**
 - **In-house testing**
 - **Issue documentation**
 - **Apply for certification in only 1 NB**
 - **Notified Body starts procedure**
 - **Testing at NB premises**
 - **Issue of the certificate**

- **Problem : time to access the certification**
 - **Factors to be considered**
 - **The notified body chosen**
 - **The complexity of the type**
 - **Type of instrument**
 - **Time to get certificate**
 - **In the best case for an standard application, around 5 months**
 - **Considering the whole Project for the manufacturer, easily 1 year**

- The TARGETS of the weighing industry
 - Reduce time to access the market
 - Increase the profit of each project
 - Preserve the quality of the certification
 - Underlying idea : ‘TIME IS MONEY’

- **Ideas to be analyzed to achieve targets**
 - **Revision of current standards (OIML, EN)**
 - **Discuss families of instruments**
 - **Acceptance of third party certificates**
 - **Witness tests at manufacturers premises**
 - **Optimise testing procedure**

- **Revision of current standards (OIML, EN)**
 - **Some actual tests require long testing time**
 - **Endurance for instruments less than 30 kg :
100 000 loads -> why 100 000? Why
endurance?**
 - **Span test : 28 days -> why 28?**
 - **Really necessary?**

- **Families of instruments**
 - **Revise current criteria**
 - **Reduce number of instruments to cover family**

- **Acceptance of third party certificates**
 - **External tests are performed during pre-testing**
 - **Check possibility for acceptance of third party labs -> ILAC?**
 - **Remove duplicity of tests and expenses**

- **Witness tests at manufacturers premises**
 - **Already accepted in the EU Directives (manufacturer and NB agree the place of testing)**
 - **Reduce time and cost**
 - **Discuss availability of testing resources**

- **Optimise testing procedure**
 - **Explore the way to fastener tests**
 - **Number of instruments to be supplied for testing in parallel**
 - **Cooperation between NB's?**

Thanks for your attention