
STATUTORY INSTRUMENTS

2016 No. 1153

The Measuring Instruments Regulations 2016

PART 4

CONFORMITY OF MEASURING INSTRUMENTS

CHAPTER 2

REQUIREMENTS AS TO THE TECHNICAL DOCUMENTATION
REQUIRED FOR THE PURPOSES OF CONFORMITY ASSESSMENT

Specific information to be included in technical documentation

45.—(1) The technical documentation must, insofar as relevant for assessment and identification of either the measuring instrument or its type (or both), include the following information—

- (a) a general description of the measuring instrument;
 - (b) the conceptual design and manufacturing drawings and plans of components, sub-assemblies, circuits etc.;
 - (c) manufacturing procedures to ensure consistent production;
 - (d) if applicable, a description of the electronic devices with drawings, diagrams, flow diagrams of the logic and general software information explaining their characteristics and operation;
 - (e) descriptions and explanations necessary for the understanding of the information referred to in sub-paragraphs (b) to (d);
 - (f) a list of any harmonised standards and normative documents which have been applied in full or in part, the references of which have been published in the Official Journal of the European Union;
 - (g) descriptions of the solutions adopted to meet the essential requirements where harmonised standards or normative documents have not been applied, including a list of other relevant technical specifications applied;
 - (h) results of design calculations, examinations etc.;
 - (i) the appropriate test results, where necessary to demonstrate that the type or measuring instruments or both comply with the following—
 - (i) the requirements of the Directive under declared rated operating conditions and under specified environmental disturbances; and
 - (ii) the durability specifications for gas, water and thermal-energy meters as well as for liquids other than water; and
 - (j) the EU-type examination certificates or EU design examinations certificates in respect of measuring instruments containing parts identical to those in the design.
- (2) The manufacturer must specify where seals and markings have been applied.

(3) The manufacturer must indicate the conditions for compatibility with interfaces and sub-assemblies where relevant.