SPCR 173

Certification rules for

Type examination in accordance with OIML requirements
Foreword

A manufacturer can receive an OIML-CS certificate for water meters, weighing instruments, dynamic measuring systems for liquids other than water and automatic level gauges after performing necessary actions described in this document.

This document contains the rules and procedures of conformity assessment applied by RISE, when acting as an OIML Issuing Authority.

Evaluation and testing is based on the appointed OIML requirements.

The rules can be revised as necessary to suit new and revised requirements. Revision may also be necessary if the OIML CS system is changed or as a consequence of experience gained from the application of the system.

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1 Scope
These certification rules include examination and certification of water meters, weighing instruments, dynamic measuring systems for liquids other than water and automatic level gauges in accordance with the OIML Certification System.

2 Requirements for certification

2.1 General
Testing and evaluation is carried out in accordance with relevant OIML requirements. If the requirements are fulfilled an OIML-CS certificate can be issued.

2.2 Process of examination and certification
The process consists of four parts: application, examination (type evaluation), review and decision, and issue of certificate. After that the continuous part retention of validity is remaining.

2.2.1 Application
An Application is to be sent to RISE by the manufacturer (applicant). A special application form is to be used for OIML certification, and is available on RISE webpage. A price indication is given on request. From the form it is evident which documentation that is necessary in order to carry out the examination.

All documents shall have a designation or number and be provided with revision date.

2.2.1.1 Examination of application
During the examination of the application RISE is examining if the application is complete and can be handled according to the certification rules. The result of the examination can be that RISE cannot undertake the assignment. In that case the applicant will be informed with a motivation to why the assignment cannot be carried out.

If the application is accepted the applicant is notified and in connection an evaluation plan is drawn up. If subcontractors have to be used the customer is informed. The customer has the possibility to object towards a chosen subcontractor.
2.2.2 Examination (type evaluation)

Application → Examination → Review and decision → Issue of certificate → Retention of validity

2.2.2.1 Content of the examination

Examination → Test report → Evaluation report

The examination includes testing, calculations, examinations of drawings etc. in accordance with applicable standards and requirements. Examined samples shall be representative of the production. The result of the examination is presented in a test report and the result from the complete evaluation is presented in an evaluation report.

2.2.3 Review and decision

Application → Examination → Review and decision → Issue of certificate → Retention of validity

The work and results from the examination phase is reviewed. If the result of the examination has been carried out correctly and the product is in accordance with the documentation the process continues to decision. Here a decision is taken whether a certificate can be issued.

When a decision to issue a certificate has been made it is time for the issuing itself.

2.2.4 Issue of certificate

Application → Examination → Review and decision → Issue of certificate → Retention of validity

A certificate is issued to the applicant and the certificate is sent to the applicant and to the OIML database for publication. The certificate has no validity time stated. (see retention of validity below).

2.3 Retention of validity

Application → Examination → Review and decision → Issue of certificate → Retention of validity

In order for a certificate to retain validity the certified product(s) must fulfill the requirements of the certificate and the applied standards and specifications. If an applied standard or specification is withdrawn or superseded this can also affect the validity.

2.3.1 Change of the scope of the certificate.

The holder of a certificate is obliged to inform RISE if the certified product is to be changed in any way. RISE takes the decision if the changes can be approved. If the changes can be approved without the change of the certificate the certificate holder is informed of the decision by a statement. If the changes require revision of certificate/new certificate RISE is
judging what examination is required and informs the holder of the decision. The holder will also be given a price indication for the needed work. If the result of the examination is approved the certificate is revised or a new one is issued.

3 Requirements

Applicable OIML requirements are used.

4 Other requirements for certification

Further requirements are evident from General certification rules for certification of Products CR000.

5 References

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Other applicable OIML documents