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| Title :       | Particular Criteria Governing Designated Testing Laboratories for Mechanical Commodities <b>Ch</b>  |
| Date :        | 2021.08.04  |
| Legislative : | 1. Adopted and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 20 May 2002.<br>2. Amended by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 4 August 2021.  |
| Content :     | <ol style="list-style-type: none"><li>1. In order to recognize and manage designated testing laboratories that conduct mechanical commodities tests, these Criteria are established to ensure the competence of designated testing laboratories.</li><li>2. These Criteria apply to designated testing laboratories that conduct tests of mechanical commodities subject to inspection.</li><li>3. The assessment of designated testing laboratories shall be performed in accordance with the requirements of CNS 17025 or ISO/IEC 17025. Where these Criteria set out special requirements, the assessment shall also be performed in accordance with these Criteria.</li><li>4. A designated testing laboratory shall designate a senior technical staff or personnel responsible for ensuring technical effectiveness or higher to act as the report signatory. The report signatory shall have the right and responsibility for supervision of the test reports that he approves and other related operations.</li><li>5. A designated testing laboratory shall retain the records of internal audits and management reviews that have been conducted when making the application.</li><li>6. A designated testing laboratory shall have appropriate protection facilities to ensure the safety of the testing personnel.</li><li>7. A designated testing laboratory shall have the required testing equipment to conduct tests according to the inspection standards or technical criteria for the applicable testing category. This clause shall not be applicable to testing equipment that a written approval from the Bureau of Standards, Metrology and Inspection is obtained to be exempted from this requirement. A designated testing laboratory for fire doors of buildings shall have the testing equipment that is adequate to conduct the test of 3m x 3m fire doors.</li><li>8. Test records shall be retained for at least 8 years. The original test records shall be recorded in a manner that the content is not easy to be altered. Any changes or modifications made to the test records shall be conformed through an appropriate procedure.</li><li>9. A test report shall completely reflect the requirements of the inspection standards or technical criteria against which the test is performed. It shall also include the technical documents that could identify the appearance, type, characteristics or specifications of the product.</li><li>10. A designated testing laboratory shall be capable of performing the complete testing work by itself. Without a written approval by the BSMI, it may not perform testing at other sites or subcontract the whole or a part of the testing work to other testing laboratories.</li></ol> |