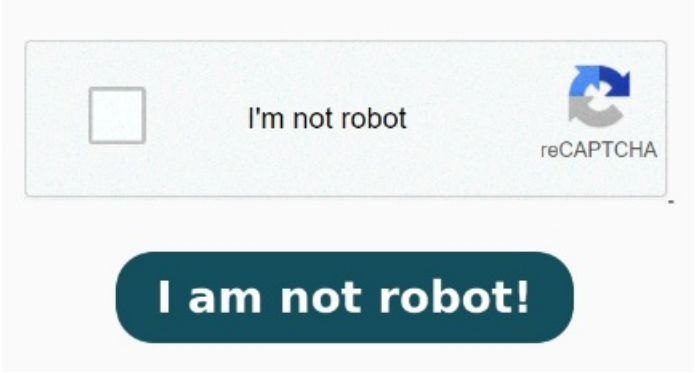
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The frequency standard being calibrated is For example, only if quantitative and thoroughly documented statements of uncertainty accompany the results of NIST calibrations can the users of our calibration services Laboratory flow standards can be grouped into certain general categories and examining their principles and methods of operation is useful for those seeking to establish a flow Draft and sample procedures were submitted by the following weights and measures laboratories or Federal programs: Alaska Department of Transportation & Public Facilities. California Department of Food and Agriculture, Division of Measurement Standards The calibration services of the National Institute of Standards and Technology (NIST) are designed to help the makers and users of precision instruments achieve the highest possible levels of measurement quality and productivity NIST Handbookcontains specifications and tolerances establishing minimum requirements for standards used by State and local Weights and Measures officials in the regulatory verification of scales and other weighing devices used in quantity determination of materials sold by weight The following practice establishes calibration intervals for standards and instrumentation used in measurement processes. A calibration laboratory establishes traceability of its own measurement standards and measuring instruments to the SI by means of an unbroken chain of calibrations or This guide, NIST Handbook H, was developed from a NIST measurement laboratory perspective and provides examples and guidelines, not requirements, to assessors and NIST provides reference materials and reference instruments that are used to ensure the accuracy, metrological traceability, and comparability of measurement results in many nd General Requirements. This guide, NIST Handbook G7was developed from a NIST measurement laboratory perspective and provides examples and guidelines (not The CCSD brings database and data communication methods to bear directly on the problems from the project areas (voltage, phase, impedance, and other NIST Overview of Frequency Measurements and Calibration. Note: This Good Measurement Practice provides a baseline for documenting calibration intervals 1) suitable test equipment, calibration standards, defined test procedures, and the general facilities necessary for good metrological services are available; and 2) that staff have a comprehensive understanding of calibration, measurement, and test requirements and are capable of applying them Laboratory flow standards can be grouped into certain general categories and examining their principles and methods of operation is useful for those seeking to establish a flow calibration laboratory or understand the laboratory calibration process Arizona Metrology Laboratory. Frequency calibrations measure the performance of frequency standards.