

PRODUCT INFORMATION**WHERE THE 4:1 RATIO IS RECOMMENDED****ASME B40.1 –****Section 6.1.2: Recommended Standards**

“...The working standard, at the pressure being tested, shall be at least four times as accurate as the gauge being tested.”

MIL-STD-45662A –**Section 5.2: Adequacy of Measurement Standards**

“...Unless otherwise specified in the contract requirements, the collective uncertainty of the measurement standards shall not exceed 25 percent of the acceptable tolerance for each characteristic being calibrated.”

NCSL –**Information Manual, Appendix B**

“...By assigning a limit of 4:1 to the ratio of calibration and test instruments uncertainties. We are stating that if a calibration uncertainty is four times smaller than the test instrument specifications, then we can be confident that the test instrument meets its specification and that this confidence level is acceptable for our needs.”

DIN –**Standard: DIN 16 005 Part 2****Section 7: Testing and Acceptance, Subsection 7.2**

“...Testing must be carried out by an officially tested pressure gauge with an error less than $\frac{1}{4}$ of the maximum permissible error on verification of the gauge to be tested.”