

# Metrology Engineer: Metrology Engineer I

---

Develops and evaluates metrology calibration systems that measure characteristics of objects, substances, or phenomena, such as length, mass, time, temperature, electric current, luminous intensity, and derived units of physical or chemical measure. Identifies magnitude of error sources contributing to uncertainty of results to determine reliability of measurement process in quantitative terms. Develops calibration methods and techniques based on principles of measurement science, technical analysis of measurement problems and accuracy and precision requirements.

## **Discretion/Latitude**

Work is closely supervised. Follows specific, detailed instructions and/or guidance from more senior functional staff.

## **Knowledge, Skills and Abilities**

Limited use and/or application of basic technical principles, theories, and concepts to specific job assignments.

## **Problem Solving**

Develops solutions to routine technical problems of limited scope by following standardized practices and procedures.

## **Impact**

Contributes to the completion of routine technical tasks. Failure to achieve results can normally be overcome without serious effect on schedules and programs.

## **Liaison**

Contacts are primarily with immediate supervisor, project leaders, and other professionals in the section or group.

## **Minimum Education and Experience**

0-2+ years with BS in designated Engineering or related field.