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| OFFICE OF APPRENTICESHIPBULLETIN | **NO.**2025-58 |
| **DATE**March 28, 2025 |

**TO:** NATIONAL APPRENTICESHIP SYSTEM STAKEHOLDERS

 OFFICE OF APPRENTICESHIP STAFF

 STATE APPRENTICESHIP AGENCIES

**FROM:** MEGAN BAIRD /s/

 Acting Administrator, Office of Apprenticeship

**SUBJECT:** New National Occupational Framework (NOF) Apprenticeable Occupation: Calibration Technician

1. **Purpose.** To inform the staff of OA, State Apprenticeship Agencies (SAA), Registered Apprenticeship program sponsors, and other Registered Apprenticeship partners of the following new National Occupational Framework (NOF) to an apprenticeable occupation: Calibration Technician.
2. **Action Requested.** OA staff should familiarize themselves with this bulletin and the attached Work Process Schedule and Related Instruction Outline, as a source for developing apprenticeship standards and/or providing technical assistance.

Calibration Technician will be added to the List of Occupations Recognized as Apprenticeable by OA located on www.apprenticeship.gov. A suggested Work Process Schedule and Related Instruction Outline are attached.

1. **Summary and Background.**

Summary – The occupation Calibration Technician was submitted by Mr. Zachary Boren, Senior Policy Program Manager on behalf of Urban Institute, were processed by Dr. Ricky C. Godbolt, Program Analyst, and approved by the OA Acting Administrator on March 28, 2025.

The National Office has approved a new National Occupational Framework (NOF), developed in partnership with the Urban Institute. This NOF has met industry standards and approval; it covers job titles and occupational pathways, related functions, and performance criteria, as well as academic, workplace and personal competencies for job success. While use of NOFs in developing standards utilizing the competency-based training approach is voluntary, no additional vetting of a Work Process Schedule (WPS) utilizing the NOF should be required where a program aligns to the occupational framework described in a NOF, beyond the basic requirements set forth in 29 CFR Part 29. While on-the-job learning (OJL) is ordinarily outlined in the WPS, sponsors who utilize a NOF must develop the Related Instruction Outline, which should be included in the standards. Within certain limits, the sponsors of NOF apprenticeship programs are permitted to customize the job functions or competencies contained in a NOF for the Calibration Technician occupation.

However, OA encourages the use of all core competencies to be included in the approved WPS.

Background –

***New/Revised Occupation Background -*** Under 29 CFR section 29.4, an occupation for a RAP must meet the following criteria to be determined apprenticeable:

1. Involve skills that are customarily learned in a practical way through a structured, systematic program of on-the job supervised learning:
2. Be clearly identified and commonly recognized throughout an industry;
3. Involve the progressive attainment of manual, mechanical, or technical skills and knowledge which, in accordance with the industry standard for the occupation, would require the completion of at least 2,000 hours of on-the-job learning to attain; and
4. Require related instruction to supplement the on-the job learning.
5. **New NOF Apprenticeable Occupation.** The occupation Calibration Technician was submitted for an apprenticeability determination.

Calibration Technician
O\*NET-SOC CODE: 17-3028.00

RAPIDS Code: 3098

Type of Training: Time-based, Hybrid, Competency-Based

Term Length: Time-based 3,000 hours, Hybrid 3,000 – 4,000; Competency-Based 1.5 years

Calibration Technician perform the following duties:

* Follows safety precautions and preliminary operations.
* Installs, fabricates, and develops equipment or parts.
* Conducts routine testing, calibration, and monitoring of equipment.
* Analyzes and interprets testing result data.
* Troubleshoots and repairs when results fall outside of the expected ranges.
* Follows scheduling and reporting procedures.
* Assures quality management.

Calibration Technicians ensure the accuracy and precision of measurements taken by test and manufacturing instruments. They are responsible for the calibration, inspection, testing, maintenance, and repair of equipment. They minimize and communicate any measurement uncertainty. This role is important for producing assured results, keeping processes safe, and can help to reduce costs from manufacturing errors.

The potential job titles of Calibration Technician are instrumentation technician, metrology technician, metrologist, maintenance and calibration technician, precision instrument and equipment repairers, test, measurement, and diagnostic equipment (TMDE) maintenance support specialist.

This occupational program excludes medical equipment preparers and timing device assemblers and adjusters.

Apprenticeship Prerequisites:

High School diploma or equivalent.

1. **Inquiries.** If you have any questions, please contact Dr. Ricky C. Godbolt, Program Analyst, Division of Standards and Quality at (202) 693-3815 or Godbolt.Ricky.C@dol.gov .
2. **Attachments.**

