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| OFFICE OF APPRENTICESHIP  BULLETIN | **NO.**  2024-133 |
| **DATE**  September 23, 2024 |

**TO:** NATIONAL APPRENTICESHIP SYSTEM STAKEHOLDERS

OFFICE OF APPRENTICESHIP STAFF

STATE APPRENTICESHIP AGENCIES

**FROM:** JOHN V. LADD /s/

Administrator, Office of Apprenticeship

**SUBJECT:** New Apprenticeable Occupation: Aluminum Extrusion Die Technician

**Purpose.** To inform the staff of OA, State Apprenticeship Agencies (SAA), Registered Apprenticeship program sponsors, and other Registered Apprenticeship partners of the following new apprenticeable occupation: Aluminum Extrusion Die Technician

1. **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.

Aluminum Extrusion Die 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.**
   1. Summary – The occupation Aluminum Extrusion Die Technician was submitted by Michael Todisco, CEO, on behalf of Apprenticeship Connections & Consulting Corp, and were processed by Joseph L. Olivere and approved by the OA Administrator on September 15, 2024.
   2. 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 Apprenticeable Occupation.** The occupation Aluminum Extrusion Die Technician was submitted for an apprenticeability determination.

Aluminum Extrusion Die Technician

O\*NET-SOC CODE: 51-4061.00

RAPIDS CODE: 3085

Type of Training: Time-based

Average Term: 6000 Hours

Aluminum Extrusion Die Technician duties are the maintenance, repair and optimization of extrusion dies used in the aluminum extrusion manufacturing process. This role requires technical expertise in die tooling, precision machining, and a deep understanding of aluminum extrusion processes to ensure high-quality production and efficient operations. Key tasks include inspecting, maintaining, and requiring extrusion dies to ensure they meet production standards and specifications, preparing dies and associated tooling for extrusion runs, including cleaning, assembly, and disassembly, monitoring die performance during extrusion runs, making necessary adjustments to the dies to ensure product quality and adherence to specifications, maintain accurate records of die maintenance, repairs, and modifications, ensuring compliance with safety and quality standards, working closely with production teams, die suppliers, engineers, and quality control personnel to optimize extrusion processes and resolve technical issues.

1. **Inquiries.** If you have any questions, please, contact Joseph L. Olivere, Apprenticeship and Training Representative at 202-693-5179.
2. **Attachments.**

