

EQUIPMENT AND PROCESS ENGINEER – METALLURGY R&D GROUP**Position Details:**

Location: 3401 Calle Tecate, Camarillo, CA 93012
Category: Professional
Status/FLSA: Full-Time, Exempt
Date: September 10, 2018
Website: www.ytca.com

Job Description:

YTC America Inc. (YTCA), the North American corporate research and development center of Yazaki Corporation is seeking a talented and highly motivated individual to fill an equipment and process engineering position in its Metallurgy R&D Group.

Responsibility:

Reporting to the Metallurgy Manager, the individual will be a key member of the laboratory's engineering staff and will provide competencies in designing, assembling, troubleshooting, automating, and servicing aluminum alloy and composite process equipment.

Primary focus will be on installing, customizing and maintaining continuous extrusion (CONFORM), cold wire drawing, and melt-casting equipment for the pilot-scale production of aluminum-based alloy and composite wires. Additional focus will be on the optimization of process parameters using statistical process control to establish wire manufacturability and pilot process scale-up.

This position requires mostly hands-on work, statistical analysis, as well as technical drawing and writing.

- Enjoys designing and customizing process equipment
- Expertise in setting up manual and automated processes
- Thinks critically and is innovative to explore and develop novel processes
- Advance competencies in the areas of statistical process development and control (SPC)
- Versatile in using technical design and drawing tools (Auto-CAD, SolidWorks)
- Works well in a cross-functional project team environment.

Requirements:

The ideal candidate will have a degree in mechanical engineering or an allied discipline; at least three (3) years of work experience in a manufacturing or development environment, or otherwise has demonstrated pertinent capabilities. The successful candidate moreover, should have a broad background encompassing a fundamental understanding of CONFORM extrusion technology, wire drawing, and melt-casting equipment preferentially for aluminum alloys and composites. Competency in typical wire characterization techniques such as tensile, fatigue, creep, and conductivity testing is important.

Qualifications:

The successful candidate is expected to have a strong desire to contribute to technology development and validation through hands-on work, be self-motivated, have the ability to effectively interact with the other team-members, have a can-do attitude, and strong written and oral communication skills.

YTCA offers competitive compensation, excellent benefits, and a state-of-the-art research facility. Candidates are requested to send cover letter and resume to Human Resources at hr@ytca.com.

Reply Code: EPE-2018.

YTCA is an Equal Opportunity Employer