

MECHANICAL ENGINEER**Position Details:**

Location: 3401 Calle Tecate, Camarillo, CA 93012
Category: Professional
Status/FLSA: Full-Time, Exempt
Date: April 1, 2019
Website: www.ytca.com

Job Description:

YTC America Inc. (YTCA), the North American corporate research and development center of Yazaki Corporation, Japan is seeking a talented and highly motivated individual to fill a mechanical engineering position within its R&D group.

Responsibility:

Reporting to the Materials R&D Director, the individual will be a key member of the laboratory's engineering staff and will provide competencies in selecting, benchmarking, developing (custom designs), assembling (purchased or custom designed equipment), troubleshooting, automating (as necessary), and maintaining various pilot-plant and research scale process equipment.

Current equipment includes continuous wire extrusion (CONFORM), cold wire drawing, and metal melt-casting equipment for the pilot-scale production of aluminum-based alloys and composites with particular focus on tooling and die design; an absorption chiller test stand with generator, condenser, absorber, evaporator, heat exchangers, and pumps; a gas-fired turbine driving a combined cooling, heating, and power generation system; printing and thermoforming equipment for printed electronics; polymer compounding, twin-screw extrusion, and injection molding equipment with particular focus on twin screw and injection molding die design. Depending on future research initiatives, additional equipment may be acquired in various fields of technology, and transfer of bench scale processes to pilot plant level equipment development activities will continue.

Requirements:

The candidate should have a degree in mechanical engineering, with reasonably good knowledge of thermal engineering; at least five (5) years of work experience in a pilot plant level process development or manufacturing environment, or otherwise has demonstrated pertinent capabilities. The ideal candidate should have a broad background encompassing fundamentals of machine / equipment / pilot plant level design, and operation of such equipment or plants in diverse fields of technology, as mentioned in the section above. The successful candidate should be innovative with ideas, analytical but methodical with problem solving approach, dynamic, pro-active, able to learn from new challenges on a continuous basis, driven to produce tangible results, and a good team player.

This position requires interactions with technical staff members on the research and product development side of the company, as well as the facilities and machine shop staff. The position will require hands-on work.

The position also requires technical drawing and writing. For this advanced competencies in technical design and drawing tools (Auto-CAD, SolidWorks), and Microsoft Word, PowerPoint, and Excel is required. Basic knowledge of statistical process development and control (SPC) is a plus.

YTCA offers a state-of-the-art research facility, competitive compensation, and an excellent benefits package:

- Health, Dental, and Vision Insurance.
- Health Savings and Flexible Spending Accounts.
- Employee Assistance Program (EAP).
- Paid Holidays, Vacation, Personal Time, and Sick Leave.
- Life and Accidental Death and Dismemberment Insurance, Voluntary Life Insurance, and Short and Long-Term Disability Insurance.
- 401(k) Plan, and Employer and Safe Harbor Matching Contribution.
- Bonus Program.
- Educational Tuition Reimbursement.

Qualified candidates are requested to send cover letter and resume to hr@ytca.com. Reply Code: ME-2019.

"YTCA is an Equal Opportunity employer.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation and gender identity, national origin, disability, protected veteran status, or any other characteristic protected by applicable federal, state, or local law."