Position title: Material Science Engineer

Company name: Pexco Aerospace, Inc.

Geographic location: Union Gap (Yakima), WA

Job duties:

This candidate will:

• Help develop (and secure IP) for future aerospace materials (mostly for extrusion processes). Many of these will be greener in the future (e.g., non-halogenated flame retardants), and continue to evolve for specialty applications.

• Personally conduct regular testing (quality control materials testing, material and process development, and troubleshooting/forensics) with our small but growing lab. We continue to budget a few new instruments each year, and the balance is done via outsourcing testing.

• Engage in and/or lead productivity improvements for extrusion in material utilization (using science to prescribe regrind usage, custom color improvements, screw / mixing improvements, and etc.).

• Research various supply streams and materials to support R&D.

• Accompany sales (personality important) on “Voice of Customer” visits when we take on R&D Projects.

• Support the Processing Engineers in Material Flow characteristics and requisite additives and fillers for distinct physical characteristics or processing needs.

• Lead some light weighting processing technics such as foaming and/or specialty fillers in extrusion.

Job requirements, including educational level and background (e.g. M.S. or Ph.D. or both):

Prefer this individual have a PhD in a discipline that supports the following tasks involving Engineered Resins and Specialty Polymers / Alloys. We might consider the right candidate with a Master’s degree, but either way – they also need some ability to hands on apply this knowledge. The right candidate will not be just an academic / lab person interested in publishing, but will jump into production environments and/or volunteer into teams with a passion for continuous improvement and R&D with the outcomes largely company owned (versus individual research).

Whether or not you will entertain applications from foreign Visa holders;
Not at this time – We wish this individual to have capability to work on military / ITAR programs as well.

How to submit an application and contact information

Email cover letter and Resume to:

Dr. Mark Wm Cawman  
Director of Engineering & Quality

Pexco Aerospace, Inc.  
2405 S. 3rd Ave | Union Gap, WA 98903  
Pexco Main: (509) 248-9166  
Office Direct: (509) 853-2853  
Mobile: (509) 654-3735  
Email: mark.cawman@pexcoaerospace.com

Be sure to check out our re-designed website at:  
www.pexcoaerospace.com