SHC Analytical Test Lab - Lead Lab Technician

Job Description:

The position is based in the Polyester R&D Center of APG Polytech, LLC (Far Eastern-New Century) in Sharon Center, Ohio. The Analytical Test Lead Technician position is responsible for carrying out testing on polymers and raw materials. This position needs someone who is able to find solutions to technical testing problems, work on assigned tasks with minimal supervision, and exhibits an intermediate level of knowledge.

The duties associated with this position include:

1. Being part of a team of scientists and engineers working to solve problems, develop new products and processes, and supporting the polyester business unit or customer needs.
2. Provide laboratory support for polymer and chemical R&D projects, the on-site pilot plant facilities, analysis of customer samples as requested by Technical Service, and some testing of specialty polymers production.
3. Conduct daily routine and non-routine lab instrumental and wet chemical testing on polymers using established methods.
4. Conduct more complex test work by chromatographic analysis (GC & HPLC), spectroscopic analysis (XRF, ICP), thermal analysis (DSC, TGA), and wet chemical analysis.
5. Conduct maintenance and calibration of lab instrumentation.
6. Work with instrument vendors to ensure efficient lab operations.
7. Able to work in a LIMS environment.
8. Knowledge of method development, method validation, method documentation.
9. Analytical shift support for the on-site pilot plant when it is in operation.
10. Observe organizational Environmental, Health and Safety policies for lab safety, industrial hygiene, and personal protective equipment.

Qualifications:

Required:

- Bachelors’ of Science degree in Chemistry, Biology, or a related technical discipline (3-5 years of industrial analytical lab experience).
- Must be authorized to work in the U.S.
- Hands on experience and knowledge of chromatography (e.g., GC, GC-MS, LC, LC-MS), spectroscopy (especially XRF, ICP, plus FTIR, UV-Vis, NIR), and wet chemical analysis methods.
- Experience in troubleshooting, maintaining, and calibrating laboratory equipment and analytical instruments.
- Must be able to do shift work to support the Pilot Plant when it is in operation.
- Experience in polymer analysis and characterization is a plus.
- Good data interpretation and problem solving skills.
- Self-motivated, able to manage multiple simultaneous projects.
- Able to work with limited supervision, able meet deadlines.
• Good interpersonal skills and the ability to work effectively in a multicultural team.
• Good organizational, written, and oral communication skills.
• Proficient with Microsoft Office software, especially Excel and Word.
• Proficient in reading, writing and speaking the English language.
• Domestic and international travel may sometimes be required.

Preferred:

• Previous analytical experience with PET (polyethylene terephthalate), polyesters, polymers, and/or organic chemicals.

Candidates, please send resumes via email to:

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