

America's premier innovator, designer and manufacturer of high-performance wire and cable with a 60-year history of providing solutions to the toughest problems in the world's most extreme environments. We excel at developing customized products, utilizing our cross-linked irradiation technology, that meet power, signal, and data transmission needs—no matter how demanding the challenge—while exceeding standards for quality, durability and safety.

R&D EXTRUSION TECHNICIAN

Position Summary/Objective

Research and Development Extrusion Technician is involved with developing new compounds, maintaining existing compounds as well as evaluating samples to develop new products and maintain existing products. The R&D Extrusion Technician makes samples in the R&D lab or works with the factory to make samples (with compounds mixed internally or procured from outside sources). The R&D Extrusion Technician will test samples internally or work with outside vendors to perform tests and report results.

Essential Functions

- Use the R&D extruder to make cable samples and keep documentation of each setup and run.
- Use the R&D mixing equipment to make material samples and keep documentation.
- Assist in technology transfer from lab to production by working with engineers to transfer technologies to OPS.
- Train others on extrusion as required.
- Perform testing in a detailed and consistent manner and reports on results.
- Provide data to personnel designated to write reports.
- Keep log of all R&D work with proper details with meticulousness.
- Tests development samples, customer samples, competitor samples and reports on results.
- Maintains a consistent tracking of results of testing in appropriate location with required details.
- Assists in analyzing samples for competitive analysis.
- Specific duties and responsibilities outlined in the environmental management system manual, including but not limited to:
 - Perform job in a compliant and environmentally safe manner.
 - Follow all facility environmental policies and procedures.
 - Engage in continual improvement efforts to reduce environmental impacts.
 - Report all environmental incidents or concerns to EHS manager.

Competencies

- Skilled in extrusion.
- Skilled in running polymer processing equipment.
- Good mechanical aptitude.
- Skilled in GLP (good lab practice).

- Proficient in documentation of lab work and reports.

Supervisory Responsibility

This position has no supervisory responsibilities.

Physical Demands

- Must be able to lift and/or move up to 50 pounds at times.

Position Type and Expected Hours of Work

This is a full-time position, Monday through Friday. Occasional evening and weekend work may be required as job duties demand.

Travel

Some travel is expected for this position.

Education and Experience:

- Associates degree with minimum 5 years' experience or equivalent
- 3-5 years of Extrusion experience
- Mechanical aptitude
- General computer skills and use of Microsoft Office Suite of products