

Title: Research & Development Technologist

Department: R&D

Reports to: Director of Technology

Location: Hebron, OH

Transcendia is a leader in custom engineered materials for critical product components in a wide range of markets and applications. The company provides deep material science expertise, outstanding customer service through broad geographic coverage and trusted product reliability.

Job Summary: Provides support to R&D activities by conducting physical and chemical testing on materials, assisting with product development activities, and providing support for product regulatory management.

Job Duties:

- Conducts specialized tests and evaluations of materials and packaging samples in support of departmental activities including, but not limited to the following:
 - Material thickness/yield/basis weight
 - Surface energy, Coefficient of Friction
 - Tensile tests (seal strength, elongation, tensile strength, yield strength)
 - Tear resistance, impact/puncture strength
 - Heat seal and other package strength characterizations
 - Optical Microscopy, including Cross-sectional analysis
 - Material chemical characterization (FTIR)
 - Thermal analysis (DSC)
 - Barrier testing (WVTR, OTR), film noise characterization
- Provides support as needed for plant and pilot line trials
 - Maintains an inventory of R&D materials
 - Assists with running the equipment and maintains run log of activity
 - Monitors and arranges for preventative maintenance
- Works with Supply Chain function and suppliers to maintain product regulatory data
 - Maintains database of raw materials linked to product chemical composition

- Maintains raw material specifications
- Maintains confidentiality on development projects, tests, products, and equipment
- Prepares test reports and maintains files and records
- Other duties as assigned

Job Qualifications:

- Bachelor's degree or equivalent in Engineering, Chemistry, or a related field, with a curriculum that included chemistry and laboratory coursework
- Up to five years of experience in a manufacturing setting
- Experience in Infrared Spectroscopy highly preferred
- Must have organizational skills with an ability to prioritize and multi-task
- Ability to maintain confidentiality, exceptional attention to detail and good follow-up skills
- Must possess good problem-solving skills
- Ability to interact in a professional manner with employees
- Ability to communicate effectively both verbally and in writing
- Proficient in Excel and Word
- Willingness to work as team member or independently