



Date:

Wednesday, March 24, 2010

Time:

3:30 p.m. – 3:55 p.m.

Presentation:

“Product Development Tools to Support Green Manufacturing”

Raymond J. Robey

Director, Research, Development & Testing

Bjorksten I bit 7

How can manufacturers address the challenges and opportunities of product development in the new green economy? This presentation will highlight the tools and methods employed, in collaboration with our clients, to address concerns such as:

- Analyzing and reformulating products for green certification
- Using advanced analytical techniques to quantify the bio-based content of raw materials
- Assessing the potential of bio-polymer materials in current and future products
- Identifying the appropriate test protocols to support claims of compostability and biodegradability, and managing test programs in certified laboratories
- Comparing the multitude of available eco-labeling programs to best communicate green practices to consumers
- Utilizing a new kind of product development, where under one roof, the scientific, engineering, design and testing resources have been assembled, green products can be quickly evaluated and brought to market without costly delays or long term overhead responsibilities.

Presenter Biography:

Ray Robey

Ray Robey is Director of Research, Development and Testing at Bjorksten I bit 7. He is a chemical engineer with over 30 years experience in process development & scale-up, and has developed applications for numerous industries, including foods, pharmaceuticals, textiles, pulp & paper, and semiconductor processing. Mr. Robey was responsible for the development of many of process technologies utilizing liquid and supercritical carbon dioxide as solvents and has been instrumental in the commercialization of coffee decaffeination, hops extraction, nutraceutical production and precision cleaning processes. He holds six patents, is a recipient of the 2002 U.S. EPA Presidential Green Chemistry Award, and has authored twenty five papers & presentations.