

THE LEADER IN GLOBAL ENGINEERING AND CONSULTING SERVICES FOR THE LIFE SCIENCES INDUSTRIES

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MANUFACTURING SCIENCES

The systematic scientific approach to pharmaceutical manufacturing process development, stabilization, and improvement using integrated Engineering and Molecular Sciences. The discipline allows the user to achieve optimal sustainable process efficiencies.

Our technically diverse staff with broad experience in end-to-end Science and Engineering best practices design and applications in the Pharmaceutical industry help clients through process/ product design and development, transfer, process stabilization and improvement, identification, and management of risks (pFMEA), strategy design and deployment, and provide consulting and project management for integrated project execution.

USING MANUFACTURING SCIENCES' DISCIPLINED APPROACH TO ADD VALUE TO LIFE SCIENCE COMPANIES

- Integrated Sciences and Engineering provides a complete view of process performance.
- Model process behavior through use of DoE and Multivariate Data Analysis.
- Process Design and Development from concept to commercialization.
- Development of Manufacturability Assessment.
- Manufacturing equipment selection based on best process/economic fit.
- Systematic risk identification and management.
- Post Market Approval Change regulatory strategy development.
- Product lifecycle management strategy development.