

CLIENT: P&G Pharmaceuticals

DATE: 2002 Completion

LOCATION: Norwich, N.Y.

SCOPE OF WORK: Full Service Engineering/Design/Commissioning/Validation

PROJECT: Multiple Pilot Plant Upgrades



PROJECT DESCRIPTION:



Projects completed over a five year period included capacity and processing capability increases and the addition of new unit operations and specialty equipment required for the scale-up and development of API candidates. The facility was also designed to supply production quantity material for Phase II & III Clinical Trials. Completion of the projects resulted in a state-of-the-art cGMP compliant API Development Facility.

Project Highlights:

- ◆ Processing capability to safely handle highly potent compounds
- ◆ Cryogenic reaction capability
- ◆ Facility segregation to handle multiple compounds simultaneously
- ◆ Multiple Class 10,000 clean rooms
- ◆ QA Analytical laboratory space within the Pilot Plant
- ◆ Fully automated unit operations with extensive process analytical capabilities
- ◆ Syltherm Low and High Temperature TCM's
- ◆ Hydrogenation Capability
- ◆ Solids Handling Capabilities
- ◆ Automatic In-situ Sampling Systems
- ◆ Multiple Drying Technologies
- ◆ Multiple particle sizing equipment
- ◆ Staged construction to permit operations in adjacent spaces to continue
- ◆ cGMP validated building and systems

IDEA provided engineering, design, procurement, commissioning and validation (support) services over a five year period.

Innovative Design Engineering Associates, Inc.

IDEA Engineering • Merritt Corporate Woods • 612 Wheelers Farms Road • Milford, CT 06461 • 203.951.4100

www.ideas4eng.com