Linde-KCA-Dresden GmbH

References in
Active Pharmaceutical Ingredients and
Fine Chemicals

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Examples of References:
Active Pharmaceutical Ingredients / Fine Chemicals

Pharmaceutical Plants
Pilot plant ‘VE Chemie’

- **Client**: BAYER AG
- **Location**: Wuppertal-Elberfeld / Germany
- **Type of Plant**: Multipurpose plant for the scale-up of processes and production of new active pharmaceutical ingredients (API) in compliance with GMP guidelines based on process know-how of BAYER
- **Products**: APIs for pre-clinical and clinical trials as well as intermediate products
- **Scope of Work**: Design verification, basic engineering, detail engineering, procurement, qualification, ‘as built’ documentation

Commissioning: 2000

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F. Hoffmann-La Roche AG
Kilo-Laboratory

- **Client**: F. Hoffmann-La Roche AG
- **Location**: Basle / Switzerland
- **Project**: Kilo-Laboratory
- **Planner**: Linde-KCA-Dresden GmbH
- **Type of Plant**: Multipurpose pilot plant for new active pharmaceutical ingredients
- **Scope of Work**: Basic engineering, Detail engineering, Sub contractor management

Completion: 2001
Examples of References:
Active Pharmaceutical Ingredients / Fine Chemicals

Multipurpose Plant for the Production of Active Pharmaceutical Ingredients

- **Client**: FDS Pharma ASS. London
- **Plant Location**: St. Petersburg / Russia
- **Type of Order**: Turnkey multipurpose plant for the production of active pharmaceutical ingredients
- **Scope of Work**: General contractor, Basic engineering, Detail engineering, Procurement, Mounting, Supervision of start-up, Qualification (DQ, IQ, OQ)

Completion
March 2001

Multipurpose Plant for the Production of Crop Protectives

- **Client**: BAYER AG Leverkusen
- **Project**: VZ Betrieb
- **Location**: Dormagen / Germany
- **Type of Plant**: Multipurpose plant for the production of crop protectives
- **Scope of Work**: Studies, Basic engineering
- **Planning Period**: 1999
Examples of References:
Active Pharmaceutical Ingredients / Fine Chemicals

Plant for the Production of Intermediate Products for Active Pharmaceutical Ingredients

- **Client**: Heyl Apolda GmbH
- **Location**: Apolda / Germany
- **Products**: Intermediate products for active pharmaceutical ingredients
- **Type of Order**: Turnkey plant; general contractor, authority engineering, basic engineering, detail engineering, supply of equipment, construction, installation, start-up assistance
- **Completion**: 1995

Multi-purpose plant

Pharmaceutical Plants
Multipurpose Plant for the Production of Fine Chemicals

- **Client**: RÜTGERS Organics GmbH
- **Location**: Mannheim / Germany
- **Type of Plant**: Multi-purpose plant for the production of fine chemicals
- **Scope of Work**: Conceptual design, pre-basic design, basic engineering, detail engineering, project and quality management, procurement, construction and mounting, preparation for commissioning
- **Completion**: 1999