Linde-KCA-Dresden GmbH

References in
Pharmaceutical Finished Dosage Forms

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Examples of References:
Pharmaceutical Finished Dosage Forms

Pharmaceutical Plants
Plants for the Production of Finished Dosage Forms

- **Client**
  Gedeon Richter AG

- **Location**
  Budapest / Hungary

- **Products**
  Solid and semi-solid dosage forms

- **Type of Order**
  - Complete reconstruction
  - Construction of a new research building
  - Construction of a new logistics complex
  - Validation of the production plants and FDA approval

- **Scope of Work**
  Turnkey plants for production in compliance with FDA;
  general contractor, authority engineering, basic engineering, detail engineering,
  supply of equipment, mounting, qualification, commissioning, validation

- **Completion**
  2000

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Pharmaceutical Plants
Plant for Production and Packaging of Insulin

- **Client**
  Biomed, Kiev

- **Location**
  Kiev / Ukraine

- **Type of Order**
  Construction of a complete plant as joint project of Linde-KCA-Dresden GmbH and Glatt GmbH Weimar, consisting of plants for
  - high resolution purification,
  - manufacture of solution,
  - filling and packaging of ultra-pure insulin,
  as well as auxiliary and subsidiary facilities

- **Licenser**
  Hoechst AG, Frankfurt-Höchst

- **Product**
  Insulin of highest purity

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Examples of References:
Pharmaceutical Finished Dosage Forms

Plant for the Production of Finished Dosage Forms (Module)

- **Client**: Hexal AG / Salutas Pharma GmbH
- **Location**: Barleben / Germany
- **Products**: Granulates, pellets, syrups, tinctures, plasters
- **Type of Order**: Planning of technology and logistics for a production in compliance with GMP of solid and liquid dosage forms as well as for confectioning and packaging of plasters
- **Scope of Work**: Planning
- **Planning Period**: 1997

Upgrading Central Packaging Solid Dosage Forms

- **Client**: Schering AG
- **Location**: Berlin / Germany
- **Products**: Solid dosage forms
- **Type of Order**: - GMP upgrading  
- Introduction of an autonomously guided vehicle system  
- Optimization of line arrangement and personnel and material flow  
- Cost estimate
- **Scope of Work**: Conceptual design
- **Planning Period**: 11-12/1997

LINDE-KCA-DRESDEN GMBH
Pharmaceutical Plants
Blood Plasma Fractionation Plant

- **Client**
  Bayer Biologicals s.r.l.

- **Location**
  Rosia / Italy

- **Products**
  Bulk intermediates

- **Type of Order**
  - Plant concept
  - ‘Grass roots’ plant
  - New buildings: fractionation, warehouse & QC
  - Revamp utilities building

- **Scope of Work**
  - Conceptual design based on Bayer draft
  - Basic: site development, fractionation, warehouse, utilities
  - Detail: QC, administration

- **Planning Period**
  5-12 / 1998

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Plant for Fractionation of Human Blood Plasma

- **Client**
  Octapharma Pharmazeutika Produktionsgesellschaft m.b.H.

- **Location**
  Vienna / Austria

- **Type of Order**
  Design for reconstruction and extension of a blood plasma fractionation plant in compliance with GMP as well as filling of fractionation products

- **Products**
  Coagulation factors, albumin, gamma-globulin, virus-inactivated blood plasma

- **Planning Period**
  1997 and 2002

- **Scope of Work**
  Conceptual design