

Pneumatic Conveying Consultants

A team of professionals with over 100 years of experience in providing expert solutions with proven results since 1984.

Pneumatic Conveying Consultants

529 S. Berks Street

Allentown, PA. 18104

www.powderandbulk.com/pcc

Our Mission

To cost effectively provide our customers the benefit of our experience in the areas of:

- Existing Systems
- New Designs
- Education and Training
- Software
- Expert Legal Testimony

Existing Systems

- Debottlenecking
- Capacity Problems
- Reliability Problems
- Product Degradation
- High Temperature Considerations
- Abrasive Wear Problems

Conceptual Studies

- Feasibility Studies
- Preliminary Drawings and Specs
- Budgetary Pricing
- Material Testing and Analysis

Design

- Complete New Systems
- Retro-Fits and Expansions
- Component Selection / Replacement

Engineering Assistance

- Prepare Flow Diagrams / P&ID's
- Prepare General Arrangement Drawings
- Prepare Technical Specifications
- Prepare RFQ's
- Solicit Proposals
- Evaluate Proposals and Vendor Qualifications
- Make Qualified Recommendations

Education and Training

- Professional Seminars
- Group Workshops
- In-Plant Training
 - Operations
 - Troubleshooting
 - Maintenance
 - Safety
- On-Line Support and Assistance

Software

- PNEUCALC
 - Calculate new system designs
 - Evaluate performance of existing equipment
- NU-SELECT
 - Selects the "right" system for a given application
- CYCLONE DESIGNER
 - Selects and designs cyclones for specific needs
- FEEDER
 - Recommends the appropriate feeder device for a specific application
- PANACEA
 - Aids in trouble shooting existing systems to resolve problems or enhance performance.

Expert Testimony

- Contractual Disputes
- Personal Injury Claims
- Expert Witness Service

Sample Client List

- Allen Sherman Hoff
- ARCO Chemical Company
- Armstrong
- Lafarge Cement
- DRAVO Engineering
- Equistar Chemicals
- EXXON Chemical Americas
- GE Plastics
- Ideal Basic Industries - Cement Division
- Inland Steel
- Kal Kan
- Proctor & Gamble
- Wheaton Industries

Principal

Paul Solt

- 50+ years experience
- BSME - Lehigh University
- AIChE
- Contributing Author to PBE
- Course Director - Center for Professional Advancement
- Background
 - Field Service
 - R&D
 - Engineering
 - Training / Education



Principal

Marco Flores

- 30+ years experience
- BSME UNAM 1972
- MS MIT 1976
- 8 US Patents/ multiple international patents
- Background
 - Troubleshooting.
 - Systematic incident and failure analysis
 - High Temperature Pneumatic Conveying
 - Design of equipment for extreme conditions
 - Product Development
 - R&D Consulting



Principal

Jack Hilbert

- 30+ years experience
- BSME - Penn State
- MS Engineering -Penn State
- Professional Engineer - PA
- Background
 - Start-Up / Commissioning
 - Field Service
 - Engineering / Design
 - Sales
 - International Assignments

