## 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

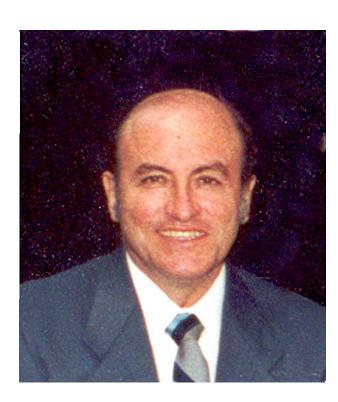
- 50+ years experience
- BSME Lehigh University
- AIChE
- Contributing Author to PBE
- Course Director Center for Professional Advancement
- Background
  - · Field Service
  - · R&D
  - Engineering
  - Training / Education



# 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

