

# Industry Consultants

This listing includes companies that consult on powder and bulk handling, processing, and equipment. We welcome your suggestions for consultants not listed here and will include applicable information in our next *Reference & Buyer's Resource* issue. Contact Kayla Carrigan, Associate Editor, *Powder and Bulk Engineering*, 1155 Northland Drive, St. Paul, MN 55120; 651-287-5630, fax 651-287-5650 (kcarrigan@cscpub.com).

## AIR POLLUTION CONTROL

### McIlvaine

191 Waukegan Rd., Ste. 208  
Northfield, IL 60093-2743  
847-784-0012  
847-784-0061 fax  
editor@mcilvainecompany.com  
www.mcilvainecompany.com  
**Contact:** Robert McIlvaine

**Specialty:** Environmental market research and consulting.

## ANALYSIS & DESIGN

### Airflow Sciences

12190 Hubbard St.  
Livonia, MI 48150-1737  
734-525-0300  
734-525-0303 fax  
asc@airflowsciences.com  
www.airflowsciences.com  
**Contact:** Rob Mudry

**Specialty:** Provides engineering analysis and design services to solve industrial problems related to particulate capture, milling, drying, mixing, heat transfer, combustion, and fluid flow; expertise in flow and heat transfer modeling, on-site field testing, equipment inspection and assessment, and computer software development; experience in a range of industries including power, cement, food processing, steel, metals processing, automotive, and pharmaceutical.

## BULK SOLIDS HANDLING & PROCESSING

### Acumen BioPharma

PO Box 280  
Princeton, NJ 08540  
690-285-8344  
609-935-0916 fax  
info@acumenbiopharma.com

www.acumenbiopharma.com

**Contact:** Daisy Rivera-Muzzio

**Specialty:** Pharmaceutical technology consulting services.

### AME Pittsburgh

133 Tory Rd.  
Moon Township, PA 15108  
412-264-0619  
**Contact:** Bill Engelleitner

**Specialty:** Agglomeration of dust, powders, and other bulk solids by pressure, agitation, liquid, and thermal methods, including pelletizing, granulating, conditioning, extruding, briquetting, and compacting as well as systems that include mixing, drying, sintering, and material handling processes; research, consulting, process development, in-plant seminars, and problem-solving.

### Compressed Air Consultants

417 East Blvd., Ste. 204  
Charlotte, NC 28203  
704-376-2600  
704-376-2022 fax  
paul.edwards@loweraircost.com  
www.loweraircost.com  
**Contact:** Paul Edwards

**Specialty:** Compressed air studies and projects to reduce energy and operating costs, improve productivity, and avoid unnecessary capital spending.

### Diamondback Technology

7215 San Gabriel Rd.  
Atascadero, CA 93422  
805-544-3775  
805-549-8282 fax  
info@diamondbacktechnology.com  
www.diamondbacktechnology.com  
**Contact:** Lee Dudley

**Specialty:** Solids flow handling, processing, storage, and technology, including equipment design.

### E&G Associates

100 Cherokee Blvd., Ste. 332  
Chattanooga, TN 37405  
423-713-7489

423-752-1700 fax

brandon.ennis@powdernotes.com

www.powdernotes.com

**Contact:** Brandon Ennis

**Specialty:** Engineering consulting and contract research and measurement for the pharmaceutical, industrial chemical, food, and consumer product industries. Areas: solids handling and segregation; particle sizing and characterization; and particle granulation, agglomeration, and compaction.

### Energy Associates

150 River Rd., Ste. J4  
Montville, NJ 07045  
973-331-8100  
danmahr@energy-pc.com  
www.energy-pc.com  
**Contact:** Daniel Mahr

**Specialty:** Materials handling engineering and consulting for the process, power, and transportation industries with expertise in loading, unloading, storage, reclaim, blending, sizing, sampling, weighing, and dust control.

### Greg Mehos & Associates

4 Crusade Rd.  
Westford, MA 01186  
978-799-7311  
www.mehos.net  
**Contact:** Greg Mehos

**Specialty:** Independent consultant specializing in the storage, handling, and processing of bulk solids. Services include testing, troubleshooting, equipment design, training, and providing software for designing hoppers, bins, and silos from shear cell and permeability test results.

### Jenike & Johanson

400 Business Park Dr.  
Tyngsboro, MA 01879  
978-649-3300  
978-649-3399 fax  
info@jenike.com  
www.jenike.com  
**Contact:** Joseph Pitkin

**Specialty:** Powder and bulk solids flow and handling, including analysis and design recommendations, testing, equipment supply, and continuing education.

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**John Wing, PE**

1121 Waters Edge Dr.  
Lakeland, FL 33801  
863-666-6555  
863-666-6555 fax  
johnwingpe@verizon.net  
www.phosacid.com  
**Contact:** John Wing

**Specialty:** Phosphoric acid and phosphate fertilizer technology.

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**Material Flow Solutions**

5921 N County Rd. 225  
Gainesville, FL 32609  
352-379-8879  
352-379-8878 fax  
kjohanson@matflowsol.com  
www.matflowsol.com  
**Contact:** Kerry Johanson

**Specialty:** Bulk solids flow and handling, including material property testing, segregation and attrition analysis, design of new and retrofitted systems, troubleshooting, training, and seminars.

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**Porcupine Engineering Services**

316 Spruce St. S  
Timmins, ON P4N 2M9  
705-235-2110  
705-235-3316 fax  
brian.emblin@pes-inc.ca  
www.pes-inc.ca  
**Contact:** Brian Emblin

**Specialty:** Brownfields engineering and design for the mining, forestry, and power generation industries.

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**Powder Processing**

306-101 Winding Brook Ln.  
Bradenton, FL 34212  
631-868-0102  
941-567-5695 fax  
rkkloss@aol.com  
www.powderprocessinginc.com  
**Contact:** Richard K. Kloss

**Specialty:** All aspects of powder manufacturing for the food, nutritional, pharmaceutical, and chemical industries, including cryogenic processing, grinding, micronization, blending, spray chilling, classifying, screening, drying, flaking, spray drying, granulating, bagging, powder characterization, and cGMP. Company also deals with process development and plant troubleshooting.

**Powder Processing Solutions**

474 Waterbury Circle  
Cincinnati, OH 45231  
513-503-8053  
www.powderprocessingsolutions.com  
**Contact:** Jim Davis

**Specialty:** Expert powder system analysis to optimize efficiency and reliability.

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**Solids Flow Design**

3330 County Rd. 245  
Florence, TX 76527  
512-296-8154  
bcoc@solidsflowdesign.com  
**Contact:** Brian D. Cox

**Specialty:** Bulk solids flow and handling, including testing, analysis, review of proposed processes, troubleshooting, and design of new and retrofit equipment.

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**The Wolfson Centre for Bulk Solids Handling Technology**

University of Greenwich  
Central Ave.  
Chatham Maritime, Kent ME4 4TB  
+44-(0)-20-8331-8646  
wolfson-enquiries@gre.ac.uk  
www.bulksolids.com  
**Contact:** Richard Farnish

**Specialty:** Consulting, research, and educational services in all aspects of powder and bulk solids handling technology.

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## COATINGS

**KTA-Tator**

115 Technology Dr.  
Pittsburgh, PA 15275  
412-788-1300  
412-788-1306 fax  
info@kta.com  
www.kta.com  
**Contact:** Nancy Dewey

**Specialty:** Provides comprehensive coating consulting services, including coating failure analysis, laboratory testing, expert witness service, corrosion surveys, and coating system evaluations; technical specification and contract document development; environmental, health, and safety consulting services; contract management; in-process inspection of surface preparation and coating applications; and training.

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## DRYING

**American Drying Consultants**

2800 Rice St., Ste. 302  
St. Paul, MN 55113  
651-263-3697  
jjwalshpe@ameridrycon.com  
www.ameridrycon.com  
**Contact:** John J. Walsh

**Specialty:** Drying expert for direct-contact convection dryers (including column dryers, flash dryers, fluid-bed dryers, hopper dryers, rotary dryers, and spray dryers) and indirect-contact conduction dryers (including disc dryers, paddle dryers, screw dryers, spiral dryers, and rotary blender dryers). Consulting work for drying applications, such as ways to increase dryer throughput, decrease dryer heat loads, convert from open-to closed-cycle drying circuits, investigate causes for dryer failures, eliminate or control dryer fires, and improve product quality.

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## DUST CONTROL

**Baghouse Duct Design dot Com**

14280 W 50th Pl.  
Golden, CO 80403  
303-278-9268  
303-379-5313 fax  
gregblack@goldeneagletechnologies.com  
www.baghouseductdesign.com  
**Contact:** Greg Black

**Specialty:** Air pollution control system design and advisement, including capture-hood design, airflow selections, duct system layout, and fan selection for dust, fume, and vapor control. Company works with new projects, application of used equipment, as well as enhancements to existing systems. Provides operator training and system performance evaluations for baghouses, cartridge dust collectors, electrostatic precipitators, cyclones, and shakers.

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**Beaulier**

1400 Marie-Victorin, Ste. 203  
St-Bruno-de-Montarville, QC J3V 6B9  
450-441-9100 x2206  
450-441-9113 fax  
info@beaulier.qc.ca  
www.beaulier.qc.ca  
**Contact:** Patrick Deschenes

**Specialty:** Total engineering of dust control systems — capture hoods, stacks, and disposal equipment — for all bulk and powder processes, including mining, metallurgy, wood

sawing, pharmaceuticals, and food and grain.

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### **The Engineers Collaborative**

PO Box 1159  
Canandaigua, NY 14424  
215-300-9563  
585-393-4956 fax  
jac@engcollab.com  
www.engcollab.com  
**Contact:** John A. Constance

**Specialty:** Dust and vapor control, capture, and containment engineering for new system design, existing system upgrades, and existing system troubleshooting and system combustible dust handling and explosion protection.

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### **EPM Consulting**

2880 Windsor St.  
Halifax, NS B3K 5E7  
902-492-7119  
902-334-0231 fax  
bachynskijohn@epmconsulting.ca  
www.epmconsulting.ca  
**Contact:** John Bachynski

**Specialty:** Company provides engineering, design, and assessment services for new and existing material handling applications, specializing in pneumatic dust capture and collection; NFPA combustible dust standards; and construction coordination, commissioning, and recommissioning for dust collection systems. Company offers specialized training services, including accredited combustible dust management courses.

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## **MECHANICAL CONVEYING**

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### **Creative Engineering USA**

3513 Century Dr.  
Bakersfield, CA 93306-1238  
661-871-2168  
661-871-1798 fax  
rsuverk@gmail.com  
www.beltconveyor.com  
**Contact:** Don Suverkop

**Specialty:** Belt conveyor design and structural estimating software.

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## **MIXING & BLENDING**

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### **MixTech**

112 Simmons Dr.  
Coppell, TX 75019-3303  
937-431-1446  
d.dickey@mixtech.com  
www.mixtech.com  
**Contact:** David S. Dickey

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**Specialty:** Mixing, blending, and processing applications involving bulk solids and other materials; equipment specification; testing requirements; scaleup; expert witness; and continuing education.

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## **PNEUMATIC CONVEYING**

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### **Pneumatic Conveying Consultants**

5836 Ridge Rd.  
Schnecksville, PA 18078  
610-657-5286  
610-683-7592 fax  
pcchilbert@gmail.com  
www.pneumaticconveyingconsultants.com  
**Contact:** Jack Hilbert

**Specialty:** Consulting, design, engineering, construction supervision, optimization, commissioning and startup, and troubleshooting or problem-solving for pneumatic conveying systems; expert witness services.

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## **SAFETY**

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### **CCP Engineering**

6295 Shawson Dr. Unit 2B  
Mississauga, ON L5T 1H4  
647-427-7233  
905-846-9802 fax  
nino@ccpengineering.com  
www.ccpengineering.com  
**Contact:** Nino Balbaa

**Specialty:** Professional engineering consulting in the areas of dust mitigation, Fire Code compliance, area classification for hazardous locations, and dust collector analysis.

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### **Chilworth Technology**

113 Campus Dr.  
Princeton, NJ 08540  
609-799-4449  
609-799-5559 fax  
safety-usa@chilworthglobal.com  
www.chilworth.com  
**Contact:** Lorraine Mahon

**Specialty:** Process safety consulting, training, and testing. Process safety engineering services include lab and full-scale testing of powders, dusts, gases, and liquids for flammability, combustibility, reactivity, thermal stability, and electrostatic properties; fire and explosion hazard assessments; and process design and safety engineering support. Process safety management services include program development, needs

assessments and analysis, audits, and incident investigations.

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### **Dekra Safety Consulting Engineers**

1350 Remington Rd., Ste. G  
Schaumburg, IL 60173  
847-925-8100  
847-925-8120 fax  
sceinc@sceinc.com  
www.dekra.us/process-safety  
**Contact:** Abdollah Kashani or Ami McCarthy

**Specialty:** Company's testing facilities include a 100-acre, large-scale facility to perform DOT Hazard Classification, UN/DOT, MIL-STD, AOP-7, TB-700-2, ASTM, ASHRAE 34, and other standard methods and custom testing. Small-scale facility performs dust explosion hazard analyses and testing for fire and flammability, dust explosibility, flammability, thermal analysis, mechanical sensitivity, and electrostatic hazards. Consulting services and on-site process hazard analyses are also available.

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### **Exponent**

9 Strathmore Rd.  
Natick, MA 01760  
508-652-8572  
508-652-8599 fax  
dust@exponent.com  
www.exponent.com  
**Contact:** Timothy J. Myers

**Specialty:** Investigation and prevention of dust fires and explosions, process hazard analyses of new and existing facilities, compliance audits for regulations and standards, and testing to determine the properties of combustible dust.

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### **Fauske & Associates**

16W070 83rd St.  
Burr Ridge, IL 60527  
630-323-8285  
630-986-5481 fax  
rlee@fauske.com  
www.fauske.com  
**Contact:** Russell Lee

**Specialty:** Provides chemical and nuclear process safety consulting, including combustible dust explosion and fire hazards testing, on-site dust hazard assessments, OSHA Combustible Dust NEP compliance, and other related services.

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### **IEP Technologies Combustion Research Center**

417-1 South St.  
Marlborough, MA 01752  
508-429-3190  
508-485-3115 fax  
info.crc.us@hoerbiger.com

www.combustionresearchcenter.com  
**Contact:** Peter Karalis

**Specialty:** Flammability and explosivity testing of dusts, liquids, and gases using ASTM and other standard test methods; equipment testing for fire and explosion resistance or response.

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#### **IES Engineers**

1720 Walton Rd.  
Blue Bell, PA 19422  
610-828-3078  
610-828-7842 fax  
jrutenbar@iesengineers.com  
www.iesengineers.com  
**Contact:** Jim Rutenbar

**Specialty:** Fully integrated engineering, design, build, environmental, and health and safety consulting for the biopharmaceutical, pharmaceutical, health care, specialty chemical, food, metals, printing, and heavy industries.

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#### **ioKinetic**

95 Stiles Rd.  
Salem, NH 03079  
603-893-7009  
603-386-6522 fax  
sales@iokinetic.com  
www.iokinetic.com  
**Contact:** Lisa Ruth

**Specialty:** Company's ISO/IEC 17025:2017-accredited testing facility conducts chemical reactivity, specialty, and combustible dust testing for a broad range of industries, including the pharmaceutical, agricultural, food and beverage, chemical, and specialty chemical industries. Company offers training and professional services to provide a comprehensive safety solution to identify, characterize, and reduce risk.

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#### **Jensen Hughes**

3610 Commerce Dr., Ste. 817  
Baltimore, MD 21227  
410-737-8677  
410-737-8688 fax  
dust@jensenhughes.com  
www.jensenhughes.com  
**Contact:** Martin Clouthier

**Specialty:** Provides end-to-end combustible dust safety consulting, from comprehensive testing, dust hazards analysis, independent evaluation of fire and explosion protection systems, development of administrative controls, system commissioning, and training. Team of engineers, scientists, and consultants work to address safety and security complexities to mitigate factors that put lives, property, and reputations at risk. Serves the pulp and paper, pharmaceutical, power,

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aerospace, automotive, chemical, food, tobacco, cannabis, laboratory, and oil and gas industries.

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#### **Loss Prevention Science & Technologies**

810 Washington St.  
Stoughton, MA 02072  
781-818-4114  
603-849-5989 fax  
erdem.ural@lpsti.com  
www.lpsti.com  
**Contact:** Erdem A. Ural

**Specialty:** Fire and explosion prevention, protection, and investigation. Safety audits and independent reviews of protection equipment purchases.

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#### **Stonehouse Process Safety**

11D Princess Rd.  
Lawrenceville, NJ 08648  
609-455-0001  
info@stonehousesafety.com  
www.stonehousesafety.com  
**Contact:** Vahid Ebadat

**Specialty:** Provides expert process safety consulting, testing, training, and litigation support services in specialist areas of dust flash fires and explosions, NFPA 652, gas and vapor flammability, electrostatic hazards, and thermal decomposition. Serves the pharmaceutical, chemical, food, legal and insurance, metal, plastics, rubber, and other process manufacturing industries.