

# 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).

## 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.

### Exova

2395 Speakman Dr.  
Mississauga, ON L5K 1B3  
905-822-4111  
905-823-1446 fax  
americas@exova.com  
www.exova.com

**Specialty:** X-ray diffraction, particulate physical characterization, failure analysis, and contaminant identification.

## 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.

### Advanced Materials Associates

1999 Kings Highway, Unit 21A  
Port Charlotte, FL 33980  
jjs.ama@comcast.net  
www.advancedmaterialsassoc.com  
**Contact:** Jacob J. Stiglich

**Specialty:** Consulting services for advanced material applications in powder metals, ceramics, composites, and coatings. Specializes in wear and corrosion problems and solutions in manufacturing and other environments. Offers courses in metallurgical- and engineering-related subjects, including failure analysis of engineering materials, surface engineering and coatings to solve wear and corrosion problems, introduction to nanomaterials, heat treatment of steels, and introduction to materials engineering.

### 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.

**Jenike & Johanson**

400 Business Park Dr.  
Tyngsboro, MA 01879  
978-649-3300  
978-649-3399 fax  
jpitkin@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.

**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:** Phosphate industry.

**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.

**Porcupine Engineering Services**

316 Spruce Street South  
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.

**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:** Complete powder system analysis and troubleshooting to save money and optimize efficiency and reliability.

**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.

**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.

**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.

**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.

**DUST CONTROL****Baghouse Duct Design dot Com**

14280 W 50th Place  
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.

**Beaulier**

1400 Marie-Victorin, Ste. 203  
St-Bruno-de-Montarville, QC J3V 6B9  
450-441-9100  
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.

**Enviroplan Consulting**

81 Two Bridges Rd.  
Fairfield, NJ 07004  
973-575-2555  
hellis@enviroplan.com  
www.enviroplan.com  
**Contact:** Howard Ellis

**Specialty:** Environmental consulting studies, ambient air quality, and meteorological monitoring.

**EPM Consulting**

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

**Specialty:** EPM Consulting 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.

**Mcllvaine**

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

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

**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.

**MECHANICAL  
CONVEYING****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 Suverkrop

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

**MIXING & BLENDING****MixTech**

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

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

**PNEUMATIC  
CONVEYING****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, Paul Solt

**Specialty:** Consulting, design, engineering, construction supervision, optimization, commissioning and start-up, and troubleshooting or problem solving for pneumatic conveying systems; training programs and system design software; expert witness services.

**SAFETY****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:** Engineering consulting for preventing dust explosions through venting, suppression, and inerting technologies. Services include 3-D modeling of process equipment and finite element analysis to determine enclosure strength as a prerequisite for the installation of venting or suppression system. General consulting on fire and explosion compliance with NFPA, FM, and UL Standards and Fire Codes (US and Canadian). Pre-Start Health & Safety Reviews as mandated by Ontario law for combustible dust processes.

**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.

**Dekra Safety Consulting Engineers**

2131 Hammond Dr.  
Schaumburg, IL 60173  
847-925-8100  
847-925-8120 fax  
sceinc@sceinc.com  
www.dekra-process-safety.com  
**Contact:** Abdollah Kashani or Ami McCarthy

**Specialty:** Company's testing facilities can perform United Nations and Department of Transportation testing and dust explosion hazard analyses and testing for fire and flammability, dust explosibility, thermal analysis, mechanical sensitivity, and electrostatic hazards.

**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.

**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.

**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.

**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, and environmental, health, and safety consulting for the bio/pharmaceutical, healthcare, specialty chemical, food, metals, printing, and heavy industries.

**ioKinetic**

95 Stiles Rd.  
Salem, NH 03079  
603-893-7009  
603-386-6522 fax  
murphy@iokinetic.com  
www.iokinetic.com

**Contact:** Michelle Murphy

**Specialty:** Company's ISO 17025-accredited testing facility conducts chemical reactivity and combustible dust testing for the pharmaceutical, agricultural, food and beverage, chemical, and specialty chemical industries. Company also provides custom process safety training such as dust process hazard analyses (PHAs and DHAs), explosion protection and electrical hazard assessments, and deflagration vent design.

**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.

**Solent Process Safety**

Princeton, NJ 08540  
609-610-6570  
info@solent-safety.com  
www.solent-safety.com

**Contact:** Vahid Ebadat

**Specialty:** Provides consulting, testing, and training services to help companies understand and mitigate fire, explosion, and loss of containment events. Company has process safety management and process safety engineering expertise. Other expertise areas include dust flash fire and explosion, gas and vapor flammability, and electrostatic and chemical reaction hazards in the agrochemical, chemical, food processing, insurance and legal, metals, pharmaceuticals, plastics, rubber, and other process manufacturing industries.