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, 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.

**Exova**
2395 Speakman Dr.
Mississauga, ON L5K 1B3
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
609-285-8344
609-935-0916 fax
info@acumenbiopharma.com
www.acumenbiopharma.com
Contact: Daisy Rivera-Muzzio

**Specialty:** Pharmaceutical technology consulting services.

**Advanced Materials Associates**
PO Box 809
Breckenridge, CO 80424
970-453-1221
970-453-1221 fax
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
412-264-4902 fax
Contact: Bill Engelleitner

**Specialty:** Agglomeration of dust, powders, and other bulk solids by pressure, agitation, liquid, and thermal methods, including pelleting, 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**
150 River Rd., Ste. J4
Montville, NJ 07045
973-331-8100
dan.mahr@energy-pc.com
www.energy-pc.com
Contact: Daniel Mahr

**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.

**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@powdernote.com
www.powdernote.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
dan.mahr@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
Powder Processing Solutions
474 Waterbury Circle
Cincinnati, OH 45231
513-503-8053
www.powderprocessingolutions.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
box@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@ktat.com
www.ktat.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
jjwalshep@am eridrycon.com
www.am eridrycon.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.baghousetractdesign.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.
**MECHANICAL CONVEYING**

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

Specialty: Belt conveyor design and structural estimating software.

**SAFETY**

CCP Engineering  
6295 Shawson Dr. Unit 2B  
Mississauga, ON L5T 1H4  
647-427-7233  
905-846-9802fax  
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.

**MIXING & BLENDING**

MixTech  
112 Simmons Dr.  
Coppell, TX 75019-3303  
972-431-1446  
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  
610-683-7592 fax  
pchilbert@gmail.com  
www.pneumaticconveyingconsultants.com  
Contact: Jack Hilbert, Paul Solt

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

**ENVIRONMENTAL SERVICES**

EPM Consulting  
2880 Windsor St.  
Halifax, NS B3K 5E7  
902-334-0231 fax  
slaunwhitejeramy@epmconsulting.ca  
www.epmconsulting.ca  
Contact: Jeremy 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.

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

Specialty: Environmental market research and consulting.
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: Provide 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 services related to characterizing, preventing, and mitigating combustible dust explosion and fire hazards.

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 biopharmaceutical, 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 assessments, electrical hazard assessments, and deflagration vent design.

Loss Prevention Science & Technologies
810 Washington St.
Stoughton, MA 02072
781-344-7656
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.

Safety Consulting Engineers
2131 Hammond Dr.
Schaumburg, IL 60173
847-925-8100
847-925-8120 fax
sceinc@sceinc.com
www.sceinc.com

Contact: Abdollah Kashani

Specialty: Fire and explosion hazard analyses and testing, including dust explosibility, electrostatic hazards, thermal analysis, and mechanical sensitivity.