

Industry Consultants

This listing includes companies that consult on powder and bulk solids 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
Contact:

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
941-249-9437
jacob.js.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.

Greg Mehos & Associates
4 Crusade Rd.
Westford, MA 01186
978-799-7311
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
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: Phosphoric acid and phosphate fertilizer technology.

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: Expert powder system analysis to optimize efficiency and reliability.

Solids Flow Design
3330 County Rd. 245
Florence, TX 76527
512-296-8154
bcox@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.

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.

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
bachynskijohn@epmconsulting.ca
www.epmconsulting.ca
Contact: John Bachynski

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.

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

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
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.

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.

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.