ABC Testing Incorporated

Founded 1981

ABC Testing Incorporated was founded by Carleton A. Richardson out of his home in Bridgewater, Massachusetts. The business has remained in the family with his son Bruce taking over in 2003. He is a 1982 Northeastern University graduate with a degree in mechanical engineering, ASNT certified level III, AWS certified welding inspector (CWI), and NYDOT certified ultrasonic inspector. We celebrated our 30th year in business in 2011. Our number 1 commitment is customer service. ABC Testing Inc. is certified as ASNT SNT TC 1A, level III in ultrasonic, radiography, magnetic particle, liquid penetrant, and visual. We have several AWS certified welding inspectors on staff. We can provide inspectors certified by the NYDOT in ultrasonic testing. We are also certified by ABS to perform ship hull thickness surveys. We are Veriforce certified for inspection of gas pipelines. Visit our Web site to see what we have to offer or contact us with any questions you may have.

Action Superabrasive Inc.

945 Greenbriar Pkwy.
Brimfield, OH 44240
(330) 673-7333
Fax: (330) 673-9414
www.actionsuper.com

Ardleigh Minerals, Inc.

Founded 1994

Ardleigh Minerals is a specialty recycler providing one-stop recycling services. Ardleigh can ship all your recyclables on one truck, at one time. Since 1994 Ardleigh has been specializing in the recycling of raw materials generated in thermal spray preparation and processing, including aluminum oxide, silicon carbide, glass, plastic, bircarb blast media, metal chips, solids, grindings, turnings, steel, stainless, zinc shot/dust, thermal spray, plasma spray, cold spray, and HVOF overspray powders, dusts, solids, and sludge containing chromium, cobalt, copper, indium, molybdenum, nickel, rhenium and tungsten carbide. Ardleigh proudly serves the aerospace, automotive, catalytic, electronic, and thermal spray industries. Ardleigh’s corporate offices are located in Beachwood, Ohio. Ardleigh also has facilities in Cleveland, Charlotte, Houston and Phoenix.

Bay State Surface Technologies

Founded 1968

Make Bay State your complete source for thermal spray equipment, materials, and services. We’ve been in business for more than 40 years and we are known for our high quality and affordable plasma spray systems, power feeders, twin wire arc metallizing equipment, thermal spray powder, and wire. We offer turnkey solutions and a broad array of auxiliary equipment. AS9100/ISO 9001 registered and award winning quality and service. Check out our new 40-kw plasma system, which is value priced for those companies that are just starting out with plasma spraying. See special offers online.
Camfil APC is a leading global manufacturer of cartridge dust and fume collectors for the thermal spray industry. Our Farr Gold Series® dust collector is the most technologically advanced available – delivering greater reliability, ease of maintenance and extended service life to our customers. By analyzing your thermal spray application and processes, we can lead you to the best dust removal system to meet emissions requirements and satisfy all safety concerns, including fire and explosion prevention.

Donaldson® Torit® Downflo® and Oval (DFO) dust collectors with UltraWeb® nanofiber filters are the ideal solution for thermal spray applications. The Ultra-Web filters provide high filtration efficiency and can last twice as long as typical filters. Get cleaner air – with Donaldson Torit!

CenterLine’s Supersonic Spray Technology Division (SST™) supplies Cold Spray metal coating systems and supplies to the aerospace, defense, glass, and automotive industries. Cold spray is a cost effective, practical process, resulting in very low oxidation, high density metal coatings with little to no effect on temperature sensitive materials. Cold Spray coatings are extremely machineable with thin or thick build characteristics and are accepting of dissimilar materials with no galvanic reactions. In addition, CenterLine provides an extensive range of process development, system integration, R&D support, and job shop services. The SST family of products ranges from portable spray systems to fully automated turnkey production systems. The company also offers a wide variety of powder blends and peripheral equipment. Contact CenterLine to discuss how Cold Spray can protect, repair, restore, refinish and recoat your manufactured products.

Hayden Corporation's expertise in wear protection spans three generations and multiple industries. Our experience with the strictest tolerances and standards (military, aerospace, proprietary applications, etc.) helps us solve clients' engineering challenges, not just their service needs. Specialized capabilities make Hayden a unique resource in the Northeast: 1) Our own metallurgy lab; 2) In-the-field thermal spray service, eliminating time and shipping expenses; and 3) CNC-guided laser cladding services for intricate wear surfaces. In addition to the full range of thermal spray coating processes, Hayden also has in-house machining capability for preparing and finish grinding customer components.
Plasma Powders & Systems Incorporated

Plasma Powders & Systems, Inc. is celebrating over 30 years in the thermal spray industry. Providing tools to build the future, we offer an extensive inventory of thermal spray materials and services including thermal spray and ceramic powders, wires, turnkey systems, individual components, parts, equipment overhaul and repair services. We provide training at our facility or on-site at your company on all the thermal spray metalizing equipment we sell, as well as technical customer assistance via telephone with our expert technicians. Plasma Powders is the manufacturer of BONDRITE®, one of the leading bond-coats in the thermal spray industry.

Plasma Powders & Systems
228 Boundary Road, PO Box 132
Marlboro, NJ 07746
(732) 431-0992
www.plasmapowders.com

The Platt Brothers & Company

Platt Brothers manufactures zinc and zinc/aluminum alloy wires used for zinc thermal spray, metalized coatings, zinc and zinc alloy wire sprayed coatings are integral steps in the manufacture of various electronic, capacitor, automotive, heat exchanger and tube and pipe products. Thermally sprayed zinc based alloy wire coatings are also used in the Corrosion protection of bridges, locks and dams, above ground storage tanks, light poles, and other critical infrastructure.

Platt Brothers
2670 South Main St.
Waterbury CT 06721
(203) 753-4194
www.plattbros.com

Saint-Gobain
Founded 1920

Saint-Gobain is a world class manufacturer of equipment and consumables for the thermal spray coatings industry. Our expansive equipment experience dates back to 1920 with the development of the first oxyacetylene flame wire gun followed by Rokide® Spray Systems, Plasma Spray Systems, PTA and many innovative materials. We offer a wide range of consumables in the form of powder, flexible cords, Rokide® rods and wire for use in many different applications and industries. We supply our own raw materials and this enables us to develop a product to meet your exact needs.


Progressive Surface
Founded 1968

Progressive Surface is a full service thermal spray equipment supplier that develops coating processes and turnkey systems for the thermal spray community. Our 100HE coating system can achieve significantly higher particle velocities and deposition rates, which enhances the capabilities and efficiency of the spray process. Engineered to provide a stabilized arc, the 100HE utilizes a simplified single anode and cathode design combined with ternary gas mixture to produce a high enthalpy plasma. Since the 100HE has three powder injection modes (axial, radial and external) which can be used in any combination, the system provides uniform particle melting over a range of commercial powders and is an excellent tool for advanced coating applications. We continue to advance the thermal spray field through ongoing projects researching the emerging technologies of solution and suspension plasma spraying.


Polymet Corporation

Polymet is a world class manufacturer of high-performance welding, hardfacing and thermal spray wire. Our manufacturing processes include a patented hot extruded forged wire process, rolling, die drawing, and alloy cored wire fabrication. Polymet's multiple wire processing capabilities allows it to be an innovator in problem solving. The high quality products provide protection against abrasion, corrosion, impact and high temperature application for the aerospace, automotive, chemical, petrochemical, cement, mining, lumber, power generating, and other industries.

Polymet Corporation
10073 Commerce Park Dr.
Cincinnati, OH 45246
(513) 647-5586
sales@polymet.us
www.polymet.us

Progressive Surface
4695 Danvers Drive SE, Grand Rapids, Michigan 49512-4018 USA
(800) 968-0871 or (616) 957-0871
Fax: (616) 957-3484
sales@progressivesurface.com
www.progressivesurface.com

Saint-Gobain
1 New Bond Street
Worcester, MA 01615
(800) 243-0028
(508) 795-2380
coatingsolutions@saint-gobain.com
www.coatingsolutions.saint-gobain.com
Sulzer Metco

Sulzer Metco’s innovative solutions improve the life, reliability and performance of your manufactured components and industrial processes. Customers benefit from a broad range of surface solutions, including advanced thermal spray materials, integrated systems, and equipment for all thermal spray processes, specialized coating and surfacing services, high quality braze and weld hard-facing materials, laser cladding systems, materials and services. Our state-of-the-art products, solutions and services are delivered through a global sales, customer support and manufacturing network.

Superior Shot Peening, Inc.

Superior Shot Peening, Inc. is the leading international provider of finishing and refurbishing of oil field tools, applying thermal spray coatings with all systems including HVOF, Plasma, Twin Arc, and HVAF. Additional processes include shot peening, phosphate, xylan, metalizing, machining, grinding, magnetic particle testing, ultrasonic peening and other protective coatings in both shops in Houston, TX, China, and Romania. We offer also international field crews for service worldwide.

International Thermal Spray Association

The International Thermal Spray Association is a professional organization dedicated to expanding the use of thermal spray technologies for the benefit of industry and society. Once known as Metallizing Service Contractors, the association has been closely tied to almost all major advances in thermal spray technology, equipment and materials, industry events, education, standards, and market development in North and South America. ITSA membership represents a broad spectrum of thermal spray markets throughout the world. Contact us for copies of our “What Is Thermal Spray?” and SPRAYTIME™ newsletter publications.

Hausner Industrial Coatings

Hausner Industrial Coatings, a business division of Hausner Hard Chrome Inc. provides surface modifications that will enhance component performance, increase life and repair damage components. We provide alternatives to hard chrome plating and welding overlays using HVOF coatings, robotic control and QS quality systems. Coatings used in power general, oil and gas, mining equipment, roofing industry and on-site applications. Multiple locations.

ATTENTION THERMAL SPRAY MARKETEERS

We would like to thank you for advertising in the fourth thermal spray profile that the AWS Welding Journal has published.

If you would like more information on how to include your company in the next Thermal Spray profile, please contact us by email at salty@aws.org or lea@aws.org. You can also call us at 1-800-443-9353 ext. 243, 220 or 254.