

THERMAL SPRAY PROFILES (advertisements)

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.

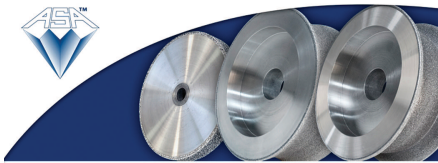
ABC Testing Incorporated

95 First Street
Post Office Box 868
Bridgewater, MA 02324
(508) 697-6068
Fax: (508) 697-6154
www.abcdnt.com



Action Superabrasive Inc.

The Action Superabrasive Inc. (ASA) diamond and cBN product line includes: resin, polyimide, vitrified, and electroplated products in diameters up to 1200 mm. Our products are customized to meet the demands of today's advancements in materials technology and are applied in every corner of the industry including centerless, center-type and internal grinding, surface grinding, toolroom and tool production. ASA also features resin bonded superabrasives in continuous rims up to 36 in. diameter. Standard delivery is two weeks.



Electroplated CBN & Diamond Wheels



Vitrified CBN & Diamond Wheels



Special CBN & Diamond Wheels



Action Superabrasive Inc.

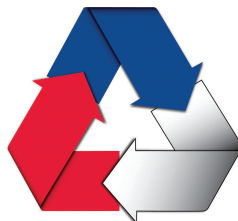
945 Greenbriar Pkwy.
Brimfield, OH 44240
(330) 673-7333
Fax: (330) 673-9414
www.actionsuper.com



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, bicarb 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.



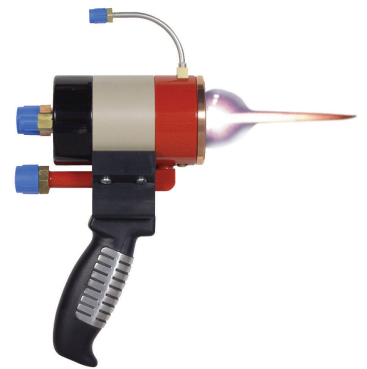
**ARDLEIGH
MINERALS**
INCORPORATED

24100 Chagrin Blvd.
Suite 380
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www.ardleigh.net

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.



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THERMAL SPRAY PROFILES (advertisements)

Camfil Air Pollution Control

Founded 1963

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.



AIR POLLUTION CONTROL

(800) 479-6801 or (870) 933-8048
 filterman@camfil.com
 www.camfilapc.com



CenterLine (Windsor) LTD.

Founded 1957

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.



(519) 734-8464
 info@cntrline.com
 www.supersonicspray.com



Donaldson Torit Dust Collectors & Filters, Donaldson Company, Inc.

Founded 1915

Donaldson® Torit® Downflo® and Oval (DFO) dust collectors with Ultra-Web® 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!



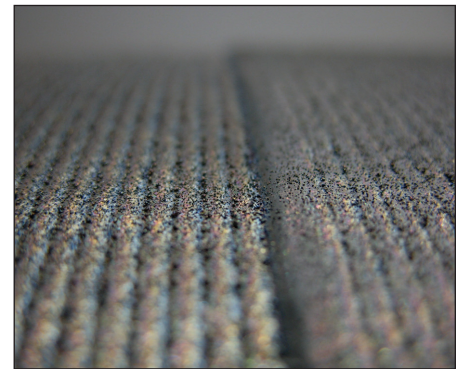
Donaldson Torit®

World Headquarters
 1400 W. 94th St – PO Box 1299
 Minneapolis MN 55440 USA
 (800) 365-1331
 www.donaldsonorit.com

Hayden Corporation

Founded 1919

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.



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THERMAL SPRAY PROFILES (advertisements)

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.



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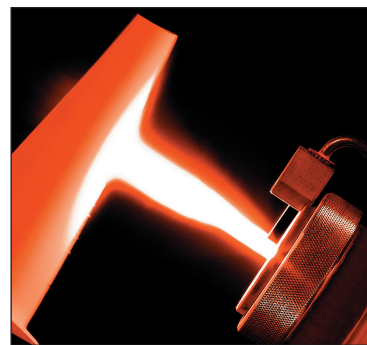
Polymet Corporation

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.



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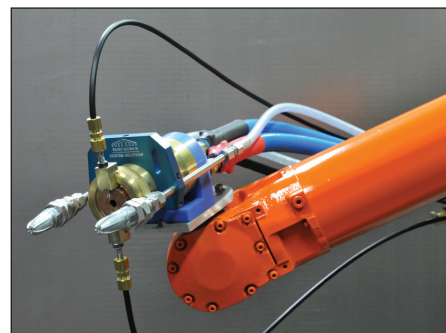
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Michigan 49512-4018 USA
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Fax: (616) 957-3484
sales@progressivesurface.com
www.progressivesurface.com



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.

Visit our website at
www.coatingsolutions.saint-gobain.com.



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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.



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.

THERMAL SPRAY PROFILES (advertisements)

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.



SULZER

Sulzer Metco

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www.sulzermetco.com



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 HVAE. 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.



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International

Thermal Spray Association

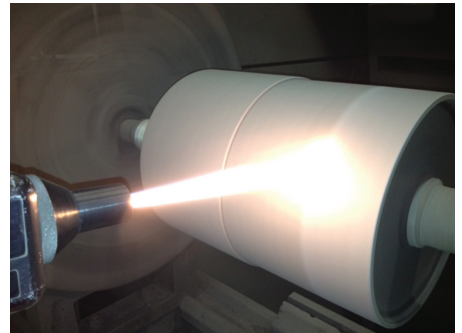
Founded 1947

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.



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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.