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# JPCL

THE VOICE OF SSPC

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## FEATURES



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### QA-ING THE QC FROM A DISTANCE

By Troy Fraebel, ABKaelin, LLC; and Jerrith Hodskins, J.I. Hass Inc.

When it was time for a major fertilizer distribution facility in the Midwest to have its conveyor structure repainted, the owner retained a third-party quality assurance firm to monitor the contractor's quality control activities and make periodic visits to confirm the quality of the work and the efficacy of the QC plan. In this article, the owner, contractor's project manager and the QA consultant review how this was accomplished from the pre-construction meeting through final inspection.



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### THE REBRANDING OF A SAFETY CULTURE

By Christopher Peightal, KTA-Tator, Inc.; and Joseph Singerhouse, Vulcan Painters, Inc.

Every company has a safety culture that continuously changes and even rebrands itself from time to time. When one or more of the narrow aspects are left out of the rebranding process, the safety culture weakens, potentially leading to a work-related injury or illness. This article discusses the safety culture rebranding process, including choosing to recognize the need for leadership and accountability at every level of the company.



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### IMPROVING THE LIFE CYCLE OF WIND ENERGY EQUIPMENT: GOING BEYOND STANDARD CORROSION PREVENTION EFFORTS

By Michael McLampy, PPG Protective and Marine Coatings

Onshore and offshore wind power is becoming more and more of an economically feasible option for developers, original equipment manufacturers, contractors, engineers and fabricators. This article describes the different types of wind tower formations and the standards guiding coating material selection to offer corrosion protection and life-cycle extension.

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### 2020 JPCL ANNUAL EQUIPMENT BUYING GUIDE

The JPCL Equipment Buying Guide lists equipment and related supplies for protective and marine coating work from 330 manufacturers, distributors and rental companies, published annually to assist our readers in the identification of equipment and supplies for protective and marine coating operations. The Guide is based on data obtained through a survey sent in April 2020 to companies known to JPCL.



The Society for Protective Coatings



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# Surface Profile: Research and Insight

BY MICHAEL DAMIANO, SENIOR TECHNICAL ADVISOR, SSPC

**C**oatings professionals acknowledge that abrasive blast-cleaning—whether dry, centrifugal or wet blasting—is capable of cleaning and profiling a surface quickly and cost effectively. Depending upon the abrasive selected, nozzle pressure, the blaster's distance from the surface and blast angle, abrasive blasting continues to be the most effective way to create a uniform profile across the surface.

Industry experts have recently produced research focusing on how deep that profile should be, the best way to measure it, what to do if it's too deep, and whether measuring profile from peak-to-valley depth is enough to ensure that the profile created can provide optimum performance of the applied coating system.

Surface profile of blast-cleaned steel is commonly measured on today's projects using replica tape (ASTM D4417, Method C) or digital profile gauges (Method B). Replica tape was originally created for measuring profile of blast-cleaned steel using spring micrometers, but newer digital gauges that can measure profile using probes or replica tape readers are becoming more prevalent for measuring blasted steel as well as power-tool-cleaned surfaces. The newer gauges can show digital readouts, store readings and transmit results electronically to personal computers, mobile phones and other devices, and provide other information in addition to peak-to-valley height, such as peak count and peak density.

More recently, questions have been raised as to whether specifying profile depth alone is enough. The January 2018 JPCL article, "On the Corrosion Effects of Reblasted Steel," by Carl Reed, Sarah Olthof, Kat Coronado and Heather Cui supported what Hugh Roper, Raymond Weaver and Joseph Brandon told us 15 years ago in their June 2005 JPCL article, "The Effect of Peak Count of Surface Roughness on Coating Performance": that using profile height as



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the sole specification parameter when abrasive blasting may not be enough. The 2005 work showed that peak density is as important as peak-to-valley height and should be used together with profile height in specifying the surface profile of steel prior to coating application. The 2018 article also concluded that a shallow peak height with a high peak density may result in better adhesion and corrosion protection than when a deeper profile is specified.

So, stand by—you may soon be seeing peak density and peak count requirements, in addition to profile height ranges, being recommended on product data sheets and eventually specified for high-performance coating applications. When that happens, you may need to procure special instruments that you don't have now, such as a portable stylus or special probe for your current gauge, to measure the additional parameters.

Another issue recently raised is whether you can effectively decrease or knock down surface profile created by abrasive blasting that exceeds specification requirements or increase too small a surface profile to bring it

up to specification. In an August 2019 webinar on PaintSquare.com that examined surface profiles and how they can be changed by additional blast cleaning, William Corbett and Carly McGee came up with several interesting conclusions on how re-blasting an existing profiled surface can alter the initial profile depending on what kind of abrasive is used to do the re-blast. These findings can be important for a contractor and facility owner faced with a pre-existing profile that fails to meet specification for the new prime coat being applied, when there is severe pitting, or when the contractor exceeds profile requirements and has to bring the surface to conformance, especially when its deemed practical by the facility owner to re-blast a non-conforming surface.

The article goes on to say that taking the extra time up front to determine an existing profile, or planning before production begins to create the specified profile range, can avoid costly re-blasting, save coating material and essentially allow the contractor to profile the surface more efficiently and cost-effectively. This usually includes doing a test blast on a

## SSPC ON THE FRONT LINE

witness panel on similar steel or on the structure itself to determine and record what the correct abrasive, nozzle pressure, blast angle and blasting distance for specific surfaces to be blast-cleaned should be in order to produce the specified profile range. This supports the old adage that proper planning before the fact results in first-time, cost-effective quality.

### PROFILE AND POWER TOOL CLEANING

In the August 2016 JPCL, the SSPC on the Front Line column talked about the 1987 development of SSPC-SP 11, Power Tool Cleaning to Bare Metal, and the gap the original SP 11 left with regard to the best way to measure surface profile when performing power tool cleaning.

In its 2012 revision, SP 11 required that a minimum 1-mil profile be created for power tool cleaning. When SSPC-SP 15, Commercial Power Tool Cleaning, was created in 2012, it also required the creation of a minimum 1-mil profile. When SP 11 was updated again in 2016, the committee went a step further by stating that surface profile was to be measured using ASTM 4417 Method B (Digital Profile Gauge), unless otherwise specified as a result of conclusions drawn by the late David Beamish in his July 2015 JPCL article, "Replica Tape: Unlocking Hidden Information." The Method B default had already been inserted into SP 15.

As a side note, SP 11, SP 15 and SSPC-SP 16, Brush Blast Cleaning of Galvanized Steel

and Non-Ferrous Metals, are the only SSPC Surface Preparation Standards that set a numerical surface profile value.

Jody Wenzel's May 2018 JPCL article, "Power-Tool-Cleaned Surfaces: New Insights into Surface Profile Measurement," further studied profile created by power tool cleaning and concluded that different tools created different types of profile that should be measured differently and more frequently based on how the tool created the profile. One-size-fits-all measurements for SP 15 and SP 11 power tool cleaning will result in inaccurate readings, according to Wenzel. This is something for the power tool committee to consider when SP 11 and SP 15 come up for their next review.

### ASTM D4417 (2019)

ASTM D4417, "Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel," which is also used to inspect surface profile of SP 15 and SP 11 power-tool-cleaned steel, was reissued last December and contained several important changes as they relate to profile measurement.

A new Method D was added that describes a test method for determining peak count information such as peak count and peak density, using a portable stylus instrument. Measuring profile and other surface preparation parameters such as peak count and peak density after abrasive blast

cleaning using a portable stylus was previously described in ASTM D7127-17.

Also, a significant change to Method B (the default method in SP 11 and SP 15), measurement of surface profile using a depth micrometer now allows the user to determine surface profile by two ways. The first is the method stated in the previous (2014) version: take 10 readings at the chosen locations, note the maximum value and then take the mean of all maximum values to determine the profile; the 2019 version re-inserted as an alternate process, what was in the 2012 version, which allows the inspector to take 10 readings at chosen locations then note the mean of the 10 readings. The profile is then determined by averaging the averages of each location measured, instead of the average of the maximum readings.

By allowing an alternative to the Method B procedure, the D4417 committee has essentially created two defaults that place the burden on the specifier to note which alternative is acceptable; or leave it up to the owner's QA inspector or the contractor's QC inspector on future projects when the 2019 version of D4417 is referenced, request clarification, or more likely, pick the alternative he or she prefers, when the specification is unclear or silent on the issue.

The SP 11 and SP 15 committees will need to look at the Method B change the next time they convene for periodic review.

## Standards Revision Projects Beginning Summer 2020

The following committees are scheduled to begin periodic review and revision of their associated consensus documents starting in the summer of 2020. Please contact Aimée Beggs ([beggs@sspc.org](mailto:beggs@sspc.org)) by July 10, 2020 if you'd like to be involved in any of these projects.

**C.1.1 Zinc-Rich Coatings Committee** – SSPC-Paint 29, Zinc Dust SacrificialPrimer, Performance-Based; SSPC-PS Guide 12.00, Guide to Zinc Coatings; SSPC-PS 12.01, One-Coat Zinc-Rich Painting System, SSPC-Paint 30 Weld-Through Inorganic Zinc-Primers.

**C.2.3 Power Tool Cleaning** – SSPC-SP 11, Power-Tool Cleaning to Bare Metal, and SSPC-SP 15, Commercial Grade Power-Tool Cleaning.

### C.5.3.A, Containment of Hazardous Surface Preparation

**Debris** – SSPC-Guide 6, Guide for Containing Surface Preparation Debris Generated During Paint Removal Operations.

**5.3.B., Disposal of Hazardous Surface Preparation Debris** – SSPC-Guide 7, Guide to the Disposal of Lead-Contaminated Surface Preparation Debris.

### C.5.3.C, Environmental Monitoring of Hazardous Coating

**Removal Projects** – SSPC-TU 7, Conducting Ambient Air, Soil, and Water Sampling During Surface Preparation and Paint Disturbance Activities. *JPCL*



## SSPC Awards 2020 Scholarships

The 2020 scholarship recipients are:

- Karan Bansal, North Dakota State University;
- Serena Bauer, The University of Toledo;
- Jessica Davison, University of Southern Mississippi;
- Zoriana Demchuk, North Dakota State University;
- Robert Giebel, The University of Akron;
- Mykenzie Johnson, The University of Akron;
- Tyler Kleinsasser, South Dakota School of Mines & Technology;
- Demitria Kucherawy, Auburn University;
- Vishakha Makode, Eastern Michigan University;
- Ashley Mieczkowski, Virginia Tech;
- Sadaf Mohammadi, Concordia University;
- Karina Reynolds, University of Southern Mississippi;
- Andrew Schiffer, West Virginia University;
- Margaret Schiffer, West Virginia University;
- Arnold Sison, University of Oklahoma;
- Themelina Tirikos, St. Petersburg College;
- Nicholas Tirikos, St. Petersburg College;
- Noah Van Hyning, The University of Akron;
- Pooya Vosough Grayli, The University of Kansas; and
- Cheng Zhang, University of Akron.

For more information about the SSPC Scholarship Program, please contact Christine Lajzo at [lajzo@sspc.org](mailto:lajzo@sspc.org).

**S**PC has announced the recipients of its 2020 Scholarship Program, which is funded in part by the proceeds from the Phil Calvo Memorial Golf Tournament, held each year in conjunction with the annual Coatings+ conference. Each recipient has been awarded \$2,500 in recognition of their impressive academic work.

In order to be considered for the SSPC scholarship, candidates must be a high school senior planning to enroll full-time or a student already enrolled full-time in an accredited institution of higher learning that has a three or four-year curriculum. They also must be a member of SSPC in good standing, or a child or grandchild of an SSPC member in good standing.

Awarded scholarship funds shall be applied to the direct costs of the student's education courses. To coordinate the effort, SSPC will work with the institution's financial aid office to ensure proper use of the funds. In addition to the scholarship, each student is awarded a one-year membership in SSPC.

### PAINT POLL [paintsquare.com/poll](http://paintsquare.com/poll)

**Last month, SSPC and NACE International announced that an “overwhelming” majority in each of the associations voted in favor for the two to merge. After over a year of discussions, do you believe this will be a positive step for the coatings industry as a whole?**

**Yes 73%**

**No 21%**

**Other 6%**

#### **Michael Beitzel:**

“Hopefully it will be, provided the members remain committed to centralized authority to certify individuals for various tasks. I would be in favor of certification beyond [the] inspector level and on to coating professionals in various coating specialties for specification preparation of coating projects for bridge, marine vessel, tanks, pipelines, offshore, wind generation, nuclear, oil, chemical, concrete [and other] industries.”

#### **Robert Dahlstrom:**

“Hopefully there will be multiple benefits by merging NACE and SSPC. One area where benefits may accrue is standards. Having a more common set of standards by one entity will be beneficial.”

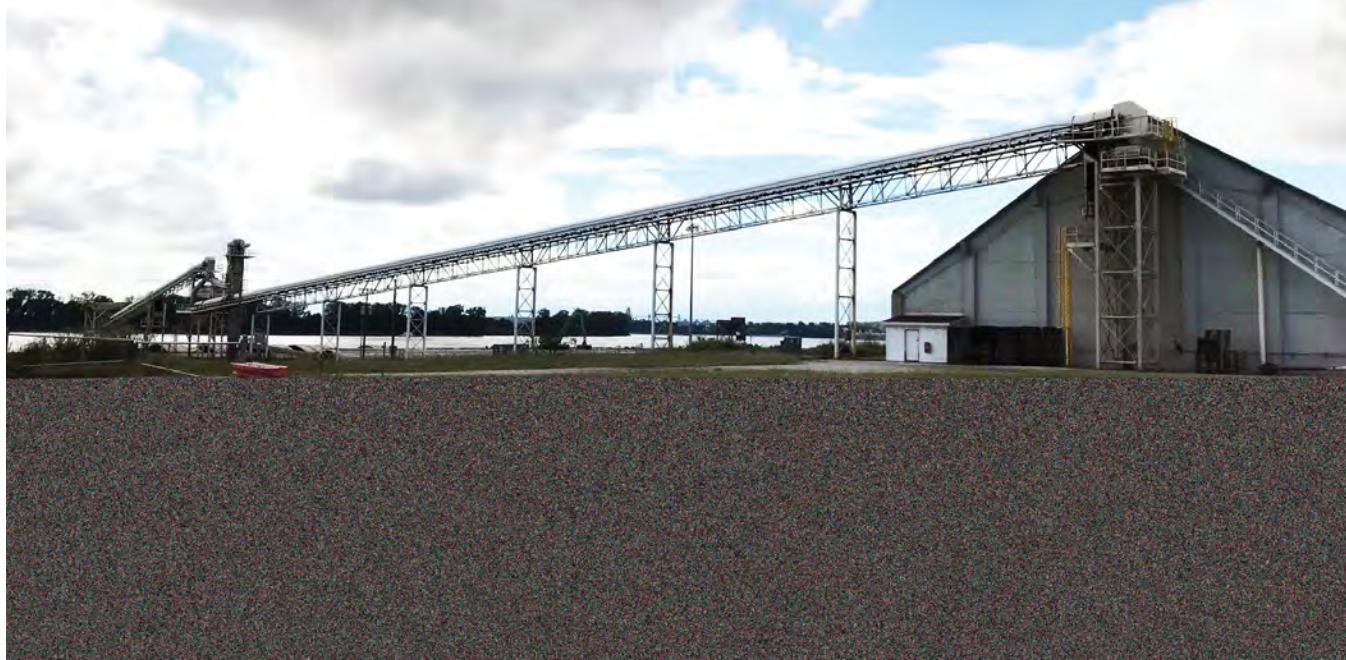


Fig. 1: A large conveyor structure at a major fertilizer distribution facility in the Midwest required repainting. PHOTOS COURTESY OF THE AUTHORS

# QA-ING THE QC FROM A DISTANCE

BY TROY FRAEBEL, ABKAELIN, LLC; AND JERRITH HODSKINS, J.I. HASS CO., INC.

**W**hen it was time for a major fertilizer distribution facility in the Midwest to have its conveyor structure repainted, the owner started contemplating full-time independent third-party inspection. After reviewing the contractor's schedule and the size of the crew, it became apparent that this approach would interfere with the contractor's operations and be cost prohibitive for the owner. What to do?

Because the contract required the contractor to perform quality control inspections, the owner decided to retain a quality assurance firm to monitor the contractor's QC activities and reports, and make periodic visits to confirm the quality of the work and the efficacy of the contractor's QC plan.

In this article, the owner, contractor's project manager and the QA consultant review how this was accomplished from QC inspector training, pre-construction meeting, data-sharing and coordination to final inspection. As always, safety was the first concern on this project, but in addition to access and working at heights, other

challenges included chloride contamination, steel replacement, conveyor operation, working over water and railroad tracks and, of course, rain.

With good communication, owners, contractors, QA consultants and paint manufacturers can achieve a successful quality repainting project even at a distance.

## PROJECT BACKGROUND

While it was still winter, the Midwestern fertilizer distributor contacted a QA consulting firm about contracting for a full-time independent third-party inspector. The suggestion to hire a third-party inspector came from a coating manufacturer. The project had yet to be awarded, so the contractor's schedule to abrasive blast-clean in accordance with SSPC-SP 6/NACE No. 3, Commercial Blast Cleaning, and apply a three-coat zinc-epoxy-urethane system had yet to be established.

While waiting to learn the awarded contractor's schedule, the QA firm reviewed the owner's project specification. In addition to making some clarifications concerning surface preparation, acceptable materials and thickness, the QA firm noted that the owner's specification required

the contractor to "Comply with standard specification QA requirements. Submit an inspection and test plan as specified ... Be responsible for the testing and inspection of surface preparation and coatings in accordance with this specification ... Check the surface preparation, workmanship, and the DFT of each coat and of the total system as specified." The QA firm requested the inspection plans and qualifications of the contractors' QC inspectors from the prospective bidders, but after review, none were found to be adequate.

With projected schedules from 16–20 weeks, the owner realized that full-time inspection was cost-prohibitive. The owner agreed with the QA firm's proposal to provide a QA consultant to review the specification, submittals and contractor's daily QC reports, and provide periodic site audits. In addition, the owner authorized the QA firm to work with the contractor to develop an inspection plan and inspection forms and provide guidance to the contractor on the QC process. Based on a recommendation from the QA firm, the owner also required, and helped to fund the training, of the QC inspector in a course based on ASTM International D3276, Standard Guide for Painting Inspectors (Metal Substrates).

## COORDINATION AND COMMUNICATION

Once the painting and consulting contracts were awarded, the QA consultant worked with the contractor to develop contractor- and project-specific inspection reports and an inspection plan. The QA consultant also worked with the contractor to obtain the proper inspection equipment.

The contractor's submittals, including product data pages, safety data pages, abrasive and chloride testing kits, were reviewed prior to the pre-construction meeting. Deviations from the original specification that were previously agreed to verbally by the owner and contractor were clearly documented in an email for future reference. Shared computer server space was established so the owner, contractor and QA consultant could easily share daily painting inspection reports, pictures and other correspondence. The owner scanned and uploaded daily reports, typically the day after the work was completed, which allowed the QA consultant and the contractor's project manager to review the reports in a timely fashion.

An informal pre-construction meeting was conducted after the crew had started pressure-washing and rough abrasive blast-cleaning, but before any finish blasting or painting. The meeting was attended by the owner's onsite operator (the actual project manager worked on this and several other projects remotely), the painting contractor's estimator and project manager, a representative from the paint manufacturer, and the QA consultant. The QC inspector could not attend since he was also the job supervisor of a small, three-person crew, and they were rough blasting that day. The QA consultant did meet with the QC inspector/supervisor later that day.

Being so important, safety was the first

item covered. Crew size, work hours, application methods, chloride testing, inspection duties and more were discussed. The QA consultant agreed with the contractor that the QC inspector/supervisor would be 90% supervision and 10% inspection. Supervisors often look at the same things that inspectors do, but it is the level of documentation that is the difference.

Early on, it was clear that a naming and abbreviation scheme had to be developed for precise communication of locations in the inspection reports and pictures. The contractor's project manager took the lead on this and developed drawings, pictures and abbreviations that could be used by the QC inspector/supervisor and understood by the QA consultant (Fig. 2). Table 1 includes a list of the abbreviations.

There was a steel replacement contract going on in concurrence with the painting operation, and unfortunately, the steel fabrication and installation contractor was not at the painting pre-construction meeting. The painting contractor was planning to abrasive blast-clean and paint new steel as they progressed along the towers and conveyor, working on existing steel. Almost a month later, the owner changed project managers and held another meeting in which the steel contractor was present. While communication between the painting and steel contractors had started, delays in the steel work and unforeseen, necessary repairs caused some quality issues. The painting contractor asked the steel contractor for a list of areas to be repaired or reworked. The steel contractor provided a list; however, this list was not all-inclusive, which lead to later complications.

The first major issue was that the steel contractor was delayed in starting on the project. This resulted in the painting contractor having to wait on the steel contractor to

perform their work. The painting contractor had to skip around areas breaking up the continuity of work. The painting contractor had to return to areas that would have normally been painted in sequence. More return trips meant more cost to the project.

As stated previously, the steel contractor's list was not all-inclusive. This resulted in some areas being fully coated and then having to be blasted back to bare metal again. One particular area of note was an entire truss section that had to be blasted clean after it was finished. This was very costly to the project.

Another issue was when steel work had to be done next to a finished area. The steel contractor took no precaution in protecting the surrounding area. This resulted in damaged coating that later had to be readdressed, again adding unneeded cost to the project.

## SAFETY

With safety being the number one concern of all parties involved, a clear safety plan had to be put into place. There were several hazards associated with the project, including, but not limited to: working at heights, rotating parts, mobile traffic, abrasive blasting, high-pressure washing, dust, chemical exposures and over-water structures.

The safety plan was based on OSHA regulations and site-specific safety regulations. Working at heights was easy enough to control by utilizing 100% tie off when a worker was above four feet and using a ground watchman. In addition to this, aerial

**Table 1: Long Conveyor Breakdown**

Sections are measured from the river up to the tower.
• LC = Long Conveyor
• CL (1-8) = Conveyor Leg Support (1-8)
• T (1-7) = Truss (1-7)
• TC = Top Cord
• BC = Bottom Cord
• WC = West Cord
• EC = East Cord
• CB = Cross Brace (corresponding to the support leg from the ground up)
• AB = Angle Brace

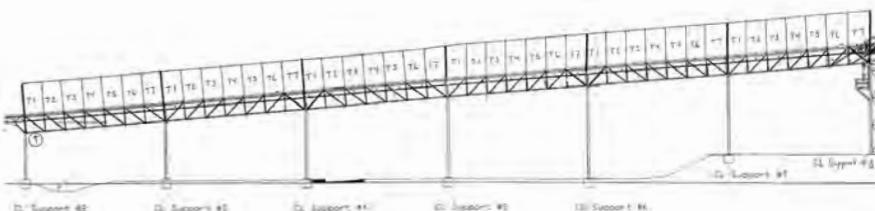


Fig. 2: Construction drawings of the long conveyor structure, with each component labeled

## QA-ING THE QC FROM A DISTANCE

lifts were utilized for access to provide a safe working platform (Fig. 3).

The contractor and owner agreed that no worker would be near the conveyor while it was transporting material. This eliminated the possibility for contact with rotating equipment.

Mobile traffic was addressed by first establishing a designated work zone. The working area was separated by a system of cones, caution tape and barricades. In addition to the work zone, a clear and detailed line of communication was established between the contractor supervisor and the on-site operators. This was paramount in assuring that the two operations did not interfere with each other.

Abrasive blasting and high-pressure washing share some of the same controls. Each relies heavily on personal protective equipment. Both require face, hand, foot, eye, hearing and skin protection. In addition, all hoses were coupled together with safety restraints to prevent separation. Nozzles were equipped with deadman switches to cut off the flow of material in the event of a hose getting away from the operator.

One of the most unique safety aspects to this project was working over the water. When over the water, a lot of factors come into play that are not normally encountered on land—one of these being the need for a water rescue plan and boat. Because the facility is located close to a local barge company, the onsite manager coordinated both of these things with the barge company.

### QUALITY

Due to products being transferred by the conveyor, chloride contamination was a big concern. Unfortunately, rain was not enough to remove the chlorides; even though, rain stopped work for 13 of the first 65 scheduled work days—totaling 20% of the original work schedule.

In order to successfully remove the existing chlorides from the steel the contractor utilized a proprietary chloride-remover and a 4,000-psi power wash. The first step was to determine whether chlorides were present on the surface. The owner requested that one test

be done for the first 5,000 square feet and one subsequent test for every 15,000 square feet after the initial test. The owner determined any test reading below 10 micrograms per square meter was an acceptable chloride level. A test would be performed each time the owner ran the conveyor, and whenever contaminants were suspected to be on the surface. If the conveyor was not running and



Fig. 3: Aerial lifts were utilized to provide a safe working platform for blasting and painting.



Fig. 4: The finished coating system applied to the west tower of the conveyor structure.

environmental conditions had not changed, the surface was considered to be in the same state as when the initial test was taken. After each test was done the titration tube was photographed and the results were logged into the daily report.

Ambient conditions were monitored several times a day, and while there was much hot weather, surface temperatures were at least 5 F above the dew point during final blast-cleaning and painting. Final abrasive

blast cleanliness generally exceeded the requirements of SSPC-SP 6, and the profile depth met the coating manufacturer's recommendations.

There was one hiccup early on in the project while trying to spray apply the organic zinc-rich primer on a complex tower structure. The thickness exceeded the specification and manufacturer's recommendation in many areas, and dry spray was evident. A Non-Conformance Report and Corrective Action Request were issued, and the coating manufacturer was contacted about a repair procedure. The repair method was agreed to and executed, and the good news is that the spray technique was corrected prior to painting the next tower.

It was also recognized that abrasive blast-cleaning the expanded metal grating to an SSPC-SP 6 and spray applying a primer was not feasible and possibly detrimental. A Request for Information was issued and approved to change the surface preparation to SSPC-SP 7/NACE No. 4, Brush-Off Blast Cleaning, and roller apply an epoxy primer.

Application of the intermediate epoxy and finish polyurethane coats were by brush and roller, which improved the coverage of the numerous edges, corners and crevices, but was much slower. With pot lives of only four hours and two hours at 77 F, respectively, and much less at 120 F, it was recognized that the mixing of partial kits would be necessary. Again, the paint manufacturer was contacted and written instructions were given on how to mix and measure partial kits. The QA consultant also extrapolated the paint manufacturer's pot life curves (close to straight lines), to provide the contractor approximate pot life times between 77 and 120 F.

The dry film thickness was measured after each coat in general accordance with SSPC-PA 2, Procedure for Determining Conformance to Dry Coating Thickness Requirements. Due to numerous faces on the angle iron, I-beams, gussets and related components, more readings were taken than would have been necessary on a large flat surface. Measuring after each coat allowed the contractor to identify low areas of intermediate coat—it is hard to roll 4+ mils of

epoxy—that could be built up prior to the application of the polyurethane topcoat.

## CONCLUSION

Computers with servers, cellular phones with cameras, email, and texting have made communication easy, efficient and instantaneous, but face-to face meetings—even if only every few weeks—improve communication and helped this project run smoothly. With good communication, owners, contractors, QA consultants and paint manufacturers can achieve a successful quality repainting project even at a distance.

As with any project where two or more crafts are working on the same structure, communication is even more critical. One of the biggest takeaways from this project is that if steel repairs need to be done, they should ideally be done long before the painting contractor starts. Unfortunately, the schedule and the availability of the steel contractor did not allow for this to happen on this project.

While the project is still ongoing, but looking good as of the drafting of this article, the owner has commented that they like not having to be involved in the day-to-day decisions of a painting project: "I will defer to your expertise and agree that we don't need to do destructive testing." The owner also values the improved attention to quality, and hence longer service life, with minimal investment. **JPCL**

## ABOUT THE AUTHORS

Troy Fraebel is the Vice President of Protective Coating Services for ABKaelin, LLC. He has



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Jerrith Hodskins is the Assistant General Manager for J.I. Hass Company Incorporated. Hodskins has been active in the protective coatings industry since 2004, beginning as



journeyman painter and gaining extensive field experience in industrial abrasive blast-cleaning and coatings application. Hodskins moved into an estimating and project manager role with Hass in 2013 and has since earned the NACE Coating Inspector Level 1 certification.

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# THE REBRANDING OF A SAFETY CULTURE

BY CHRISTOPHER PEIGHTAL, KTA-TATOR, INC.; AND JOSEPH SINGERHOUSE, VULCAN PAINTERS, INC.

**W**hether we choose to recognize it or not, every company has a safety culture that continuously changes, and even rebrands itself from time to time. The concept of a safety culture can be divided into broad and narrow aspects. The broad aspects derive from the definition of a safety culture, while the narrow aspects are relevant to the physical, institutional, behavioral and spiritual cultures. Rebranding towards an advanced, sustainable safety culture requires a delicate balance between these aspects.

When one or more of the narrow aspects are left out of the rebranding process, the safety culture weakens, potentially leading to a work-related injury or illness. Many organizations do not recognize the full cost of a work-related injury or illness, but focus rather on the direct cost that is commonly referred to as "the tip of the iceberg." The total cost, including contractual value required to recover from the loss, is not considered.

The total costs add up to a significant figure that will get the attention of any management team. In many cases, the corrective action needed to prevent reoccurrence of the loss requires management's commitment to the rebranding of the organization's safety culture. This article discusses the process of the rebranding of a safety culture, including leadership and accountability.

## CULTURE AND SAFETY

Culture can be defined as the set of shared attitudes, values, goals and practices that characterize a particular group, society, institution or organization. Through culture, people and groups define themselves, conform to a set of shared values and contribute to society. Thus, culture includes many societal aspects such as language, customs, values, norms, mores, rules, tools, technologies, products, organizations and institutions.

In the world of safety science, a safety culture can simply be defined as how exposed employees behave when they are not being supervised. For example, are the employee's behaviors in compliance with personal protective equipment requirements? Do they actively seek to identify hazards and are they working in compliance with the company's health and safety program?

When rebranding a safety culture, we attempt to answer why the employees make the decisions that they do. While working to answer this question, one must consider how the organization reacts to a work-related illness or injury. That is, does the organization realize the true cost of a work-related incident? Does the organization practice accountability? And are the organization's leaders committed to the rebranding and how are they demonstrating their commitment?

## MANAGEMENT COMMITMENT

Management commitment starts with developing a vision and a strategic plan that drives the rebranding toward bringing that vision to life. The vision consists of what the rebranded safety culture will look like. The strategic plan consists of clearly defined, measurable, and achievable definitions of success in alignment with the vision; for example:

We will know we've been successful when we have:

- Developed and implemented a "safety dashboard" that is readily available, company-wide;
- Defined and communicated position-specific safety responsibilities; and
- Verified employee comprehension of their responsibilities.

The commitment continues by supporting the initiatives and participating in the culture. This is accomplished by starting every company meeting with a safety discussion, reviewing and discussing current safety statistics and the status of the definitions of success during quarterly update meetings, and by wearing the required PPE while in the shop or field. Coaching and providing feedback on the

rebranding process to all levels of management and leaders is a necessary part of management commitment.

Another integral part of management commitment is to recognize and reward behaviors that are in alignment with the vision, while carefully considering group rewards for milestones, such as the number of accident-free workdays, while recognizing that this can result in under-reporting of incidents. Sharing these behaviors with members of the organization provides real-life examples of what the rebranded culture will look like.

Finally, management needs to understand the adverse impacts of a weak safety culture and the full cost of a work-related injury or illness, then disseminates this information to all levels of the organization. Management commitment and their message is delivered through front-line leaders who have been taught to teach, coach and mentor via an established leadership development program.

### MANAGEMENT RESPONSIBILITIES

Removing obstacles, identifying and encouraging company leaders, setting and communicating expectations and following up are management responsibilities. Identifying and developing leaders are fundamental aspects of managing the safety rebranding process. Leaders exist at all levels of every company, even though they may not hold a supervisory or managerial position or listed on organizational charts; they are the individuals that naturally attract followers.

Leadership is one life influencing another. Resilience, emotional intelligence, drive and personal investment are personality traits of a leader. They are driven to achieve beyond personal and company expectations, and they possess a high degree of interest in company goals and are engaged in plans and strategy. They communicate well, express feelings clearly and directly, and the thoughts of a leader are not dominated by fear or other negative emotions.

Once a company identifies its leaders, it is the responsibility of management to educate and encourage those leaders. Goal setting, improving soft skills and ways to identify and cultivate new leaders are elements of leader training. Leaders are trained to set measurable and achievable goals that are in alignment with the company's overall vision and to develop a process of achieving those goals. Soft skills are non-technical abilities such as character traits and personal attributes that play an essential role in a company.

Simply put, it is hard to lead people that do not like you. Leaders are trained to make eye contact and acknowledge everyone's presence, have an awareness of personal body language, know how to coach, give and receive feedback, manage time, effectively delegate and use both formal and conversational speech. Another element of leader training is identifying and cultivating new leaders. Leaders are part of the long-term sustainability of a company, which is why it is essential to have today's leaders committed to building tomorrow's.

Encouragement begins with "transparency leaders." No matter what their position, a company needs a steady stream of information about the company, markets and customers to make the right decisions. Transparency creates trust between the leaders and

management, ultimately permeating trust to the individuals following the leaders. Challenging leaders to step out of their comfort zone, awarding decision-making authority and planning are responsibilities of management. Planning is accomplished by working with the leaders to develop a clarity and focus document that lists and defines each of the leader's roles, a description of the role and clearly defined definitions of success.

For example, the role of a student could be described as follows: "As a student, I foster continuous development and improvement in the knowledge and skills required for career development and personal fulfillment." An example of a definition of success is, "I will be considered successful when I have explored the types and requirements of SSPC PCCP certification to determine the return on investment." Progress on the definition of success for each role can be monitored monthly using a tracking plan.

Establishing expectations for leaders, including company safety performance, is one of the most critical aspects of the rebranding process. It starts with management identifying gaps within the culture, then setting standard habits, behaviors and actions. Expectations are made clear throughout the company and are articulated verbally or using the written word. The goals and expectations should be documented to gain clarity, and an action plan should be developed and disseminated to the leaders. Follow-up is the responsibility of management. Efforts made to solicit continuing and updated ideas for improvement from the leaders of the company elevates the feeling of empowerment within the leaders, and trust and respect between management and the leaders.

### LEADER COMMITMENT

The rebranding process relies heavily on the commitment of the organization's leaders. The organization's leadership team consists of front-line leaders, mid-level managers and foreman/crew leaders. Front-line leader commitment consists of "walking the walk" and "talking the talk" by identifying and sharing observations of employees actively displaying the preferred behaviors of the rebranded culture. This provides all employees with examples of how the rebranded culture looks.

These individuals are also responsible for supporting and communicating the company vision, strategic plan, management's commitment to safety and the true cost of work-related injuries and illnesses. The front-line leaders accept total accountability, encouraging and coaching their subordinates to make the same commitment, while practicing open and respectful communication with members of management.

### PRACTICING ACCOUNTABILITY

We seem to live in a society where members have abandoned personal accountability, while the attitude of the society reflects accordingly. Someone or something is always to blame, and it seems the person making the poor decision is never at fault—in fact, they often feel as though they are the victim. If we do not take ownership of our decision, how can we ever change or improve our behaviors?

## REBRANDING A SAFETY CULTURE

Taking ownership of these decisions and owning the circumstances leads to personal and organizational improvement. Practicing accountability starts with identifying and correcting "below the line" behaviors. Developing leaders that are trained to set expectations, communicate them effectively and verify conformance greatly enhances employee trust. Defined expectations and positive communication lead to accountability that reduces "below the line" behaviors such as denial, stating "it's not my job," finger-pointing, confusion or needing to be told what to do, covering your tail, and not acting but instead just waiting to see how things turn out. "Below the line" behaviors can be appealing to those that believe making excuses is easier than accepting responsibility. However, some may not recognize that they exhibit "below the line" behavior or a "victim attitude."

Understanding the importance of "above the line" behaviors is critical to the cultural rebranding process. *The Oz Principle: Getting Results Through Individual and Organizational Accountability*, by Roger Connors, Tom Smith and Craig Hlickman defines "above the line" behavior as "see it, own it, solve it and do it." The combination of these eight simple words is the driving factor behind the rebranding process. "See it" means that we acknowledge the problem, get the perspectives of others, offer and ask for feedback, be realistic and consider the facts and, most importantly, admit when we are wrong or make a mistake. Someone that "owns it" takes responsibility, is personally invested, participates, acts on feedback and works in alignment with the organization. "Solve it" means asking, "What else can I do?", testing assumptions and redefining boundaries. "Do it" means we act, clarify responsibilities, proactively report progress or roadblocks, measure the progress and accept total accountability.

A good example is developing a safety council or a standing safety committee within a company. Create a charter, communicate council member responsibilities and give the employees on the safety council "special status." They represent the employees in their department and spend more time with these employees than management does. They bring concerns to the council to discuss, resolve and make recommendations for implementation. The members of the council communicate within their department, sharing the commitment of management and changes the company is implementing on the employee's behalf, all to create a safer working environment. Empower council members and communicate expectations that each employee is personally responsible for their safety, as well as the safety of others, including visitors.

### JOINT ACCOUNTABILITY

Joint accountability means that you are responsible for addressing your concerns with others directly, rather than addressing the issues with

their supervisor or other leaders. It also means that you share the responsibility of a situation, including the consequences it creates. Joint accountability is not pointing out how someone contributed to an issue, nor is it telling them what they can do to resolve the issue. It is merely letting them know that they are not practicing accountability, but rather displaying "below the line" behaviors. The individual displaying the "below the line" behaviors would respond by working to correct them.

### CONSEQUENCES OF A WEAK SAFETY CULTURE

Adverse impacts of a weak safety culture include both emotional and economic factors. The emotional aspect impacts both the employee and the employer. When a company fails to address an employee's safety concern, or does not seek their input while addressing safety concerns or a process change that leads to an employee getting injured, the employee may be negatively impacted emotionally. This can lead to feelings of decreased self-worth and loss of dignity and identity, creating anxiety, anger and frustration. The stress resulting from an injury, such as job loss and accessing benefits, can lead to depression and have

the potential to cause marital issues and added stress on family and friends. The employer must often deal with decreased employee morale, and with employees continuously second-guessing themselves, not knowing if their actions will lead to injury.

A company with a strong safety culture that addresses employee concerns, provides a safe and healthy work environment and promotes open and respectful safety communication between all levels of the organization will experience positive emotional impacts, such as an increase in morale and productivity. Employees trusting their leaders to make good decisions that keep them safe and working is paramount, and often trans-

lates to employees watching out for one another and keeping each other safe.

Both employees and employers are negatively impacted by a weak safety culture that results in increased work-related injuries. When an employee suffers from a work-related injury or illness and is not able to return to work, the employee experiences a negative economic impact. Each state operates a Bureau of Worker's Compensation that sets compensation rates for work-related injuries that occur within that state. For example, an employee that incurs a lost time work-related injury in Pennsylvania receives compensation at a rate of 66.6% of the previous 52-week average. To qualify for compensation, the employee must miss seven days of work; therefore, if the employee returns after six days, they do not receive compensation, losing a week of wages.

Consider an employee who is paid \$1,000 a week, incurs an injury and is unable to return to work for many months. The employee will only be paid \$662.30 per week, netting a decrease of over

\$1,350.00 in monthly income. This reduction can lead to many financial hardships from loss of health benefits, bankruptcy, cashing in retirements savings and depleting dependent college funds. This negative economic impact to the employee erodes trust and confidence in management leadership and the organization. Rumors and second-hand stories about the incident and resulting hardship create fear and negatively impact morale and production of other employees.

A company's most valuable asset is its employees. When these assets are not available due to a work-related injury or illness, the employer suffers from a decrease in productivity leading to a decrease in revenue. Further, companies often use a pre-qualification process prior to inviting vendors to bid and prior to awarding contracts to vendors. The process frequently includes the review of safety ratings such as the Experience Modification Rate and Total Recordable Incident Rate. A weak safety culture that leads to an increase in work-related injuries or illnesses escalates these rates, causing the employer to be less competitive in the markets they serve. While escalated EMR and TRIR has the potential to decrease revenue, the weak safety culture increases worker's compensation premiums. The economic impact on the employer requires a true understanding of the revenue needed to offset an incurred loss due to a work-related injury or illness on the bottom line.

Consider an employer with an annual revenue of \$10 million that incurs an incident. The Worker Compensation Loss Run Report identifies an incurred cost of \$60,000. The incurred cost covers all medical expenses and lost wage payments. At first glance, a \$60,000 loss on \$10 million in revenue (0.6%) may not be considered significant. Let's take a deeper dive into this scenario considering that the company maintains 6% operating income, relative to revenue or \$6 out of every \$100 in revenue makes it to the bank. For the current calendar year, the employer is expecting to have \$600,000 operating income, based on \$10 million in revenue.

To realize the full cost of the incident, the direct costs, indirect costs (combined generates the total cost) and the revenue replacement required to offset the loss at the bottom line must be considered. The direct cost is recognized on the previously mentioned Loss Run Report. The indirect costs include those associated with investigating the claim, processing the claim, replacing the injured worker and loss of production, to mention a few.

A major U.S. worker's compensation insurance carrier uses a multiplier of 4 to estimate these indirect costs. The revenue required to offset the cost of the incident is calculated by dividing the total cost (direct + indirect costs) by the operating income (as a percentage of annual revenue). The calculation for this mock incident is shown as follows:

$$\frac{\$60,000 + (4 \times \$60,000)}{.06} = \$300,000$$

$$\frac{\text{Direct cost} + \text{indirect cost}}{\text{OPI, as a \% of revenue}} = \text{Cost Impact}$$

$$\frac{\$300,000}{.06} = \$5 \text{ million dollars}$$

$$\frac{\text{Cost Impact}}{\text{OPI, as a \% of revenue}} = \text{Required revenue to offset the loss}$$

The true total cost of the incident is \$300,000, which is half of operating income, with \$5 million in revenue required to recover from the loss, which is half of the annual revenue—a significant loss.

## CONCLUSION

The rebranding of a safety culture is a significant investment that requires a strong commitment from all individuals in the organization, including management and leaders. Management commits to the process by identifying and encouraging leaders and setting expectations within the organization, then communicates the expectations and follows up on implementation. Management continues its commitment by identifying and training organizational leaders. Simply put, leaders "walk the walk," "talk the talk," and practice accountability. All individuals of the organization show their commitment by practicing accountability and by embracing self-responsibility with transparency and open respectful communication that provides a conduit between exposed employees and management. **JPCL**

## ABOUT THE AUTHORS

Christopher Peightal is the Corporate Health and Safety Officer and the Environmental Health and Safety Department Manager for KTA-Tator, Inc. His internal responsibilities include managing development and compliance with corporate safety and health programs, reducing internal accident rates through consulting support and training of all KTA employees, developing content for online training and acting as a safety and health resource for over 150 coatings and

steel field inspectors. For external clients, his duties include developing a wide variety of safety- and health-related training courses and programs. Peightal is a Certified Safety Professional with 10 years of safety-related experience in the construction industry, and is a member of the American Society of Safety Professionals.

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formed investigations and root cause analyses, provided methods of mitigation and served as a Drill Instructor and Pre-Ranger Instructor. He is a member of the American Society of Safety Engineers and SSPC and is pursuing his Certified Safety Professional certification.





BLUE PLANET STUDIO / GETTY IMAGES

# IMPROVING THE LIFE CYCLE OF WIND ENERGY EQUIPMENT

## Going Beyond Standard Corrosion Prevention Efforts

BY MICHAEL MELAMPY, PPG PROTECTIVE AND MARINE COATINGS

**W**hile traditional fossil fuel-based electrical energy sources continue to cause environmental pollution and development of greenhouse gases, modern society is rushing toward more convenient and eco-friendly power sources. More and more automotive vehicles are either hybrid or fully electric, creating demand for more electricity from renewable resources. It is reported that some leaders of very oil-rich countries have said, "Why waste oil and gas on energy, when it can be used for manufacturing plastics and other materials?" Some of these countries are moving more towards renewable energy sources including hydroelectric power, nuclear power, solar power and wind driven power. Utility power storage, including batteries and pumped storage technology, are making wind and solar power more capable of delivering consistent energy.

Wind power is becoming more and more of an economically feasible option, even as government subsidies are declining. Wind farm developers, original equipment manufacturers and engineering procurement construction contractors, as well as supporting engineering and fabrications firms, have been steadily reducing the cost of wind power production to make it technically and economically viable and desirable. Further development and modernization of the electrical grid, as well as utility-scale energy storage, are enabling further cost reduction and increased reliability at the utility level.

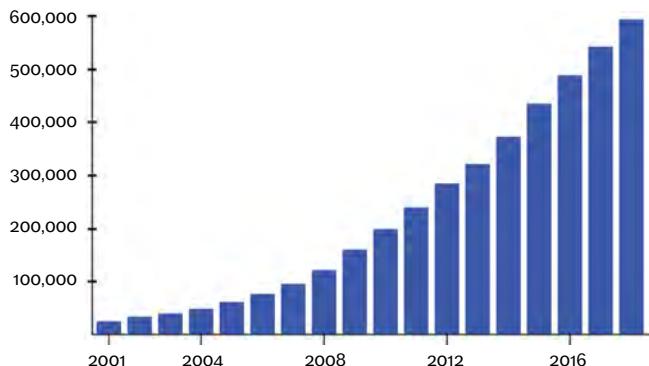


Fig. 1: Worldwide growth of wind power in megawatts

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Figure 1 depicts the growth of wind power in megawatts since 2001. Wind power growth in 2018 was led by China with 44.3% of the new wind capacity, the United States developing 14.7%, Germany developing 6.1%, India and Great Britain with just over 4% each and the remainder spread over many countries (Fig. 2).

There are two different types of renewable wind energy: onshore and offshore. In both situations, groupings of wind towers are co-located or placed into wind “farms,” allowing for efficient electrical tie-ins and construction. Wind farms are designed and built to be cost effective in a location over a given design life, and areas of high and consistent wind are typically chosen for wind farm locations. Figure 3 (p. 16) presents average wind speed at a height of 100 meters (328 feet) as a way to determine best locations for wind energy.

Based on the average wind speeds in the U.S., onshore wind farms have been placed from central Texas north into the Plains States, where wind speed is 8–9 meters per second. Offshore wind farms are primarily located off the east coast from North Carolina up through Maine, where wind speeds average 10 meters per second, especially where the ocean is not too deep. Other target areas will develop as technologies change and economics improve.

The primary driver for wind energy development is competitiveness of electrical cost as compared to other sources of energy, such as fossil fuels and nuclear power. Wind farm developers invest considerable amounts of capital in building wind farms and are reimbursed by selling electricity. Wind farm developers and wind tower OEMs have been driving down fabrication and construction costs to allow for cost-effective wind energy deployment, making it increasingly more competitive.

The secondary major driver of wind farm development is the fact that wind is a renewable energy source. Many believe that reducing carbon emissions and renewable energy development are a moral imperative, with reduction of pollution and greenhouse gasses key factors in creating a healthier environment for current and future generations. Critical to renewable energy is cost-effective utility-scale energy/power storage. Whether it is a battery or pumped storage or another technology, power storage allows surplus solar and wind energy to be stored and then made available when the

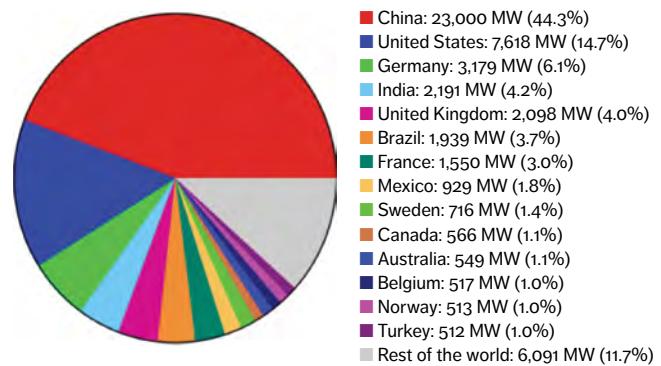


Fig. 2: New wind farm capacity installed in 2018 by country

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wind slows or darkness sets in. As this growing industry continues to develop, it will further support and promote the development of renewable energy technologies.

## OFFSHORE WIND TOWER FOUNDATIONS

Several offshore wind foundation systems are being developed and used including monopole, gravity and floating foundations. Each foundation type provides benefits in certain designs, locations and environments.

Monopole-type foundations for offshore wind towers are practical due to their ability to be installed in shallow waters, such as 20–30 meters in depth. These are located and driven into the ocean bed and typically have a transition piece on top for the mounting of a standard OEM-manufactured wind tower. These are large, ranging 80–100 meters tall and 6–7 meters in diameter. These monopoles can be located and installed into the ocean floor with relative efficiency, allowing for completion of wind tower farms in a timely manner.

Gravity foundations are typically made of large concrete structures, 20–30 meters in diameter, cast in specific design yards/ports and then floated to the ultimate location. These castings are positioned in place, then sunk by filling with water and then with sand. Development of these foundations is time-consuming, and as such, may not be appropriate for wind farms that need to get up and running to generate electricity quickly due to economic cost considerations.

There are also many designs for floating foundations, ideal for deeper water wind farm locations. Further development of these technologies is ongoing, and continuing to make them economically competitive.

## COATING MATERIAL SELECTION STANDARDS

Protective coatings are an economical way of providing corrosion protection for steel wind towers, offshore foundations and nacelle components. Coating materials are selected by OEMs and developers to provide long life protection, typically targeting greater than 15 years and some targeting greater than 25 years. Current

## PROTECTING WIND ENERGY EQUIPMENT

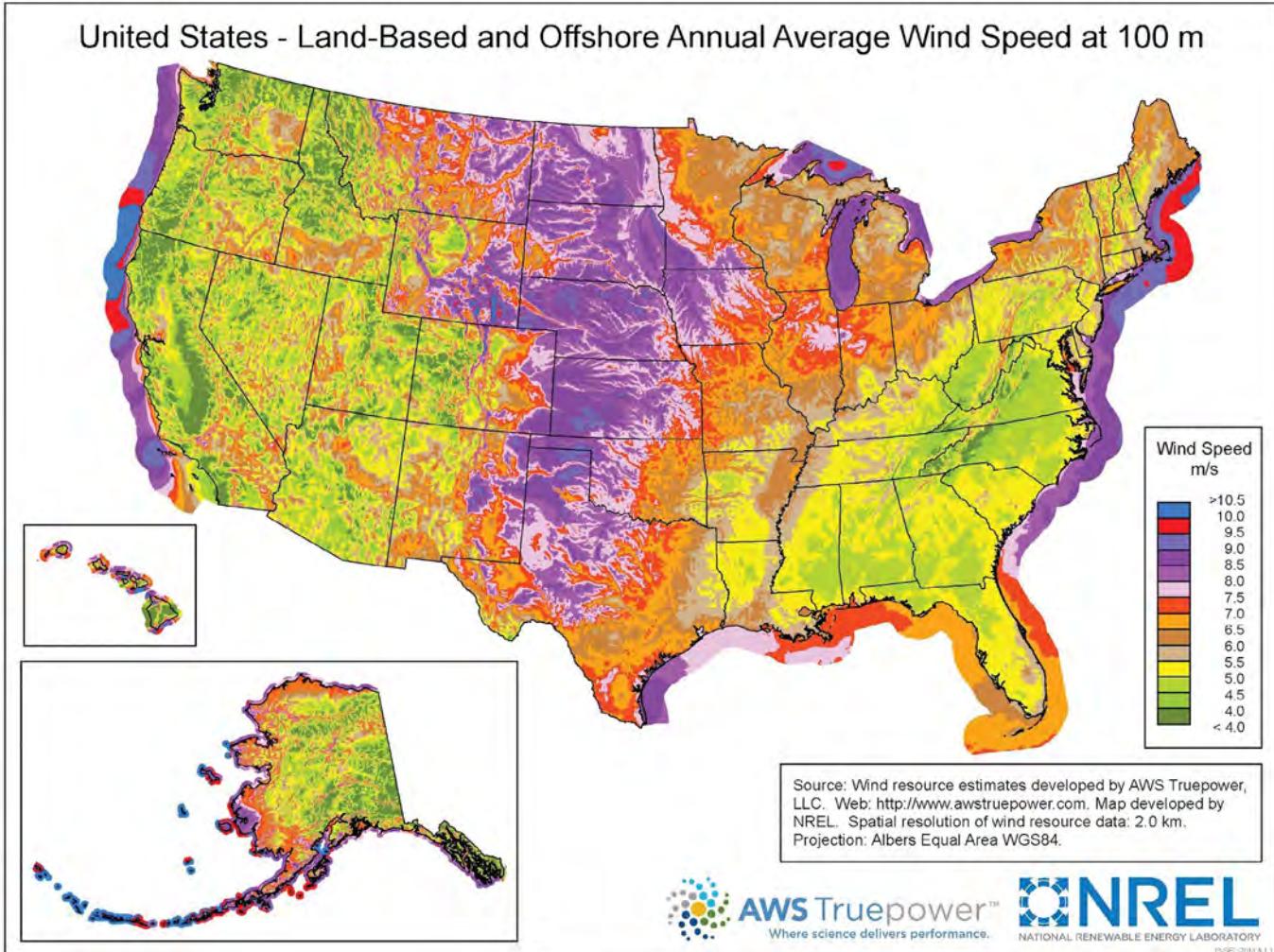


Fig. 3: U.S. land-based and offshore annual average wind speed at a height of 100 meters (328 feet)  
U.S. BUREAU OF OCEAN ENERGY MANAGEMENT

paint and coatings standards used as part of this selection process are:

- ISO 12944, *Paints and varnishes—Corrosion protection of steel structures by protective paint systems*, Parts 1-9; and
- NORSO Standard M-501 Edition 6, *Surface preparation and protective coatings*.

Additionally, wind tower OEMs and wind farm developers can learn from the experience of other industries and projects located where wind towers will be placed, including offshore areas. Much of this experience choosing coating materials—from projects such as bridge, infrastructure and offshore oil and gas installations—would be beneficial to the wind farm developers and OEMs, as the environments for installation are similar.

### ISO 12944

This document, which is administered by ISO TC 35 Paints and Varnishes is made up of nine parts covering atmospheric and immersion coatings. Key parts of the standard are outlined as follows.

Part 1 gives an introduction and defines durability of life

expectancies to the first major point of maintenance, where 10% of the coated surface has reached an ISO 4628-3 degree of rusting RM-3, or 1% rusting. Durability is expressed in terms of four ranges:

- Low (L): Up to 7 years;
- Medium (M): 7–15 years;
- High (H): 15–25 years; and

**Table 1: Relative Corrosion Rates Specified in ISO 12944, Part 2**

Corrosivity Category	Low Carbon Steel (After 1st Year of Exposure)	
	Mass Loss (g/m <sup>2</sup> )	Surface Thickness Loss (μm)
C3 Medium	>200–400	>25–50
C4 High	>400–650	>50–80
C5 Very High	>650–1,500	>80–200
CX Extreme	>1,500–5,500	>200–700
Im4	Sea or brackish water	

- Very High (VH): More than 25 years.

Part 2 provides guidance for identifying and selecting differing corrosivity environments. Atmospheric corrosivity categories C3 through C5 are used for coating selection by the wind tower OEM industry. Offshore wind towers and foundation structures can be split into different corrosivity zones based on the type of environment the particular substrate is exposed to:

- Offshore atmospheric zones are CX;
- Permanently immersed in sea water zones are Im4; and
- Tidal and splash zones are a combination of category CX and Im4.

The relative corrosion rates are displayed in Table 1.

Part 5 provides specific requirements for the number of coats and for minimum dry film thicknesses of systems for atmospheric corrosion protection. Coating materials are described in generic terms instead of brand- or product-specific.

Part 6 provides for standardized testing and evaluation of coatings for corrosion protections. Combinations of standard coating material tests are used to verify how a specific coating material or brand performs as required through specific tests and minimum acceptance criteria. Often, these procedures are conducted by third-party testing laboratories so that unbiased test results can be presented.

Part 9 provides both system suggestions and minimum testing requirements for suitable coatings for offshore corrosion protection. This part also provides for various testing requirements for immersion and offshore service including the historical ISO 20340-2009. This cyclic test procedure is now a part of ISO 12944 Part 9 for performance requirements of protective paint systems for offshore and related structures. This part describes paint systems for high durability, or 15–25 years before first maintenance.

#### **NORSOK M-501**

This standard gives requirements for the selection of coating materials, including surface preparation, coating application methods and inspection criteria for protective coatings applied during the construction and installation of offshore facilities. It covers paints, metallic coatings and application of spray-on passive fire protective coatings. The aim of this NORSOK standard is to specify a coating system that is both application- and maintenance-friendly while providing a coating system that would need minimal maintenance and have minimal environmental impact.

Figure 4 (p. 18) indicates the location of coating system types applied on a typical monopole foundation. These coatings are applied in a yard prior to shipping to the wind farm location.

#### **LIFE EXPECTANCY**

Life expectancy in accordance with ISO 12944 Part 1 is determined based on the amount of time until the first major maintenance effort for the structure relates to the period of time when 10% of the area of the painted substrate will have reached an RI 3 as defined in ISO 4628-3 as "Degree of Rusting" or about 1% corrosion. So, a high durability would indicate that the first major maintenance would need



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# PROTECTING WIND ENERGY EQUIPMENT

## NORSOK M-501 Coating Systems Relevant to O SWT Foundations (prequalified systems)

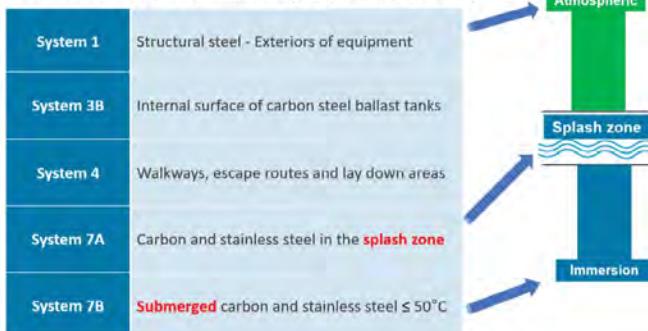


Fig. 4: Location of coating types applied to a typical monopole foundation (per NORSOK M-501) COURTESY OF THE AUTHOR

to take place between year 15 and 25. A very high durability rating would indicate that the first maintenance would not be needed until after year 25.

In studying the system data provided within ISO 12944 Part 5, an example of improving life expectancy is specifying a C3 H, with the addition of 40  $\mu\text{m}$  or 1.6 mils for a total increase from 160 to 200  $\mu\text{m}$ , one can increase the life expectancy from high durability to very high durability, or 15 to 25 years (or more).

Similarly, a C4 VH approved system is equal to a C5 H system, and a C3 VH approved system is equal to a V4 H system.

As indicated, a 40  $\mu\text{m}$  DFT can increase expected life from 15–25 years. This extra 40  $\mu\text{m}$  of paint does not necessarily require increased labor cost or related time, but simply a slight increase to the amount of coating materials actually applied. Once the wind tower or foundation structure leaves the shop, providing an additional coat of paint to build up the coating system thickness in the field would be far too expensive. As a result, coordination from the coating manufacturer and the owner—to do a proper application of the additional thickness in the shop—should be a top priority, in order to provide extended life to the wind tower and foundation structures.

## COATING SYSTEM SELECTION

The coating system specifier must be knowledgeable of applicable paint and coatings testing and acceptance standards. This knowledge, along with practical experience of actual coating durability in relevant environments, can allow the specifier to choose the appropriate coatings. Additional information from written records, white papers and trade organizations such as SSPC and others can provide supplementary guidance and knowledge from a wide variety of resources.

The paint and coatings life expectancy goals of the owner, in relation to the specific installation, should also be understood. Owners should seek expert opinion to determine reasonable and optimum goals for life expectancy, as well as the first and net present value of the coating system selection.

Selection of a coating system is impacted by many factors, and some of them to consider are:

- Is this a 15- or a 25-year project?

- What level of confidence is required?
- Does experience tell you that the coating system is appropriate? What sort of assurance is needed?
- Does the effort to minimize structure cost by reducing total amount of coating materials have merit, or is it risking the life expectancy of the wind tower/farm?

The costs associated with touch-up and rehabilitation of coating systems on existing wind towers and foundations is extremely expensive, and may result in the inability of that structure to provide profit to the owner over the life of the wind tower.

Additionally, coating specifiers might consider coating systems with proven conformance that meet the requirements of the performance testing, but may not meet the normative requirements of ISO 12944 Part 5. As an example, some two-coat systems can outperform three-coat systems from a corrosion and aesthetic perspective with less coating materials and less labor and time required for coating application.

## CONCLUSION

Owners should require that fabricators and OEM suppliers provide high-quality corrosion prevention coatings designed to meet expected lifecycle requirements. The most inexpensive time to get the job done right and build for long life, is during initial fabrication and coating application. Trying to develop longer life expectancy and do repair work in the field can be cost prohibitive.

Owners should also ensure that requirements for the wind farm project meet the owner's expectations, and at a minimum, use qualified coating systems. Coatings may provide longer service life at higher thicknesses, so be sure to work with a reputable and knowledgeable coating supplier to determine the ideal thickness for the application. It's also important to know that tested and qualified systems are typically based on minimums that will pass the testing requirements, and higher quality coating systems may be available. As with all coating projects, ensure coating systems are applied as specified and required. Lastly, any damage during fabrication and erection of wind towers need to be touched up properly and in accordance with coating system requirements, to prevent premature corrosion and coating system failure. During the life of the wind towers, owners need to have ongoing inspection and maintenance activities performed, to ensure the coating systems can achieve their design life. JPCL

## ABOUT THE AUTHOR



Michael McLampy is the Director of Global Strategic Accounts at PPG Protective and Marine Coatings. With over 20 years of experience in the industry, he has presented numerous white papers for many international organizations including SSPC, NACE International and the Construction Specification Institute.

McLampy holds a Master of Business Administration from the University of Pittsburgh.



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# 2020

## ANNUAL EQUIPMENT BUYING GUIDE

**T**he JPCL Equipment Buying Guide lists equipment and related supplies for protective and marine coating work from 330 manufacturers, distributors and rental companies, published annually to assist our readers in the identification of equipment and supplies for protective and marine coating operations.

On p. 20, you will find the Table of Contents, where generic products are listed under nine categories: Access; Application; Climate Control; Environmental Protection Equipment; Inspection; Laboratory Testing; Safety; Software; and Surface Preparation.

On p. 21, you will find the Index to the Buying Guide, where products are listed alphabetically in a single list. Individual company profiles with contact information can be accessed on p. 81.

In the Guide itself, which begins on p. 23, companies either displayed in boldface type or accompanied by boxed display ads have paid an advertising fee. Otherwise, a company's information appears free of charge.

The Guide is based on data obtained through a survey sent in April 2020 to companies known to JPCL. The print edition of the JPCL Guide includes the companies that completed the survey by the deadline for the June 2020 issue. This Guide is also available at [www.paintsquare.com/bg](http://www.paintsquare.com/bg), the online home of JPCL, where information is updatable throughout the year. To participate in the online edition of the Equipment Buying Guide between print editions, please contact Nichole Altieri, Business Administration Manager, JPCL, at [naltieri@paintsquare.com](mailto:naltieri@paintsquare.com).

Products listed in the JPCL Equipment Buying Guide are in no way endorsed by JPCL, PaintSquare or Technology Publishing Company.

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# OPTIMIZING EFFICIENCY ON THE NILES BRIDGE PROJECT

**T**he schedule was tight. In March 2019, the Michigan Department of Transportation awarded Atsalis Brothers a \$1.5 million contract for work on the Niles Bridge on US-12 over the St. Joseph River in Niles, Michigan. The 480-foot-long, 100-foot-wide structure needed an epoxy overlay, full paint, structural steel repair, replacement of pins and hangers, joint replacement and repairs, and pier repair. The contractor began work in late July, with the goal of completing much of it by mid-November, ahead of deadline.

"We were able to expedite our work on the Niles Bridge because of our skilled workforce and an access solution from BrandSafway, which combined the company's QuikDeck with QuikShield systems," said Nick Atsalakis, Vice President of Atsalis Brothers. QuikShield is a flexible platform supported by steel cables that, when deployed in combination with the QuikDeck Suspended Access System, can help lower costs on projects with longer spans, according to the manufacturer.

The Niles Bridge has four concrete piers, dividing the bridge into five sections. For access to the main bridge span, located between piers two and three, a total of 135 sections of QuikDeck were used. The

strategy for the Niles Bridge called for using the system at each abutment and around every pier. This provided a solid platform from which work crews could erect QuikShield, as well as a tie-in point for QuikShield at the piers.

## HOW THE SYSTEM WORKS

A standard QuikDeck platform section measures 8 x 8 feet (although triangles and smaller sections are also available). Steel trusses pin to connection points on central nodes and then swing out to form a square. After erecting a starter platform, workers can build out future sections without additional support locations. The system can support loads from 25 to 75 pounds per square foot.

QuikDeck was combined with QuikShield to provide safer, more cost-effective access on the Niles Bridge. **PHOTO COURTESY OF BRAND SAFWAY**

The QuikShield system used on the Niles Bridge consists of 2 x 8-foot plywood decking riveted to a galvanized steel frame. It can support up to 25 pounds per square foot.

## LONGTIME COLLABORATION

Founded in 1951 by Speros Atsalakis, Atsalis Brothers offers almost seven decades of experience in surface preparation, painting and coatings, environmental abatement and work access/platform rigging. The contractor's relationship with BrandSafway extends back to the early 1990s.

"We do a lot of bridge work, and we like taking on difficult jobs because we have a really experienced crew," said Atsalakis. "BrandSafway always has a lot of good ideas, so we throw things back and forth to develop solutions."

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DUX Technologies, Inc.

Mr. LongArm, Inc.

The Paint Project, Inc.

Speed Painting Inc.

## DRUMS

Blasting Experts

CESCO - Aqua Miser

Corrosion Specialties Inc.

IDS Blast

Marco

National Concrete Accessories

The Paint Project, Inc.

Paul N. Gardner Company

Smith Surface-Prep Solutions

Spray Pump Services, LLC

Surface Prep Supply

T Tex Industries LP

VF Specialty Products, LLC (SPI)

The Warehouse Rentals and Supplies

## EXTENSION POLES

Arkco (Thailand) Co., Ltd.

Bittner's Spray Equipment Co.

Corrosion Specialties Inc.

Disnamair, S.A.

Glenn Saren & Assoc. Inc.

Jon-Don

Lesoon Equipment Pte. Ltd.

Marco

Mr. LongArm, Inc.

National Concrete Accessories

The Paint Project, Inc.

Shur-Line

Spin Import Export

Spray Pump Services, LLC

Surface Prep Supply

Surface Preparation-Texas, LLC

T Tex Industries LP

Titan Tool

Victory Air & Equipment

VR Coatings Pvt. Ltd.

The Warehouse Rentals and Supplies

The Wooster Brush Company

## FLOOR COATING TOOLS (SQUEEGES, GAUGE RAKES, LEVELERS, EPOXY-TERRAZO ROLLERS)

AirTech Spray Systems

Blasting Experts

Bon Tool Co.

CESCO - Aqua Miser

Corrosion Specialties Inc.

EnDiSys

Floorex Products

Glenn Saren & Assoc. Inc.

HoverTrowel, Inc.

Jadalc S.A.C.

Southern Industrial Supply, Inc.

Surface Prep Supply

T Tex Industries LP

TCR Blast Abrasives

The Warehouse Rentals and Supplies

The Wooster Brush Company

## GENERATORS, PORTABLE

ABLE Equipment Rental

Absolute Equipment

AirTech Spray Systems

BlueGreen Technologies LLC

Canfield & Joseph Inc.

Central Texas Equipment

CESCO - Aqua Miser

Corrosion Specialties Inc.

DeHumidification Technologies, LP

Doosan Portable Power

DryAIR by TDM

EnDiSys

Floorex Products

Jadalc S.A.C.

Jon-Don

Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC

The Paint Project, Inc.

Pinnacle Central Co.

Polygon US Corporation

Pro-Tect Services, Inc.

Surface Prep Supply

VF Specialty Products, LLC (SPI)

The Warehouse Rentals and Supplies

WorkSite Lighting, LLC

## HEATERS FOR SPRAY PUMPS AND HOSES

Abrasives Inc.

AirTech Spray Systems

Arkco (Thailand) Co., Ltd.

Bittner's Spray Equipment Co.

BlastOne Australia

BlastOne International

Bolair Fluid Handling Systems

CESCO - Aqua Miser

Corrosion Specialties Inc.

Disnamair, S.A.

EnDiSys

Envirosafe Stripping Inc.

Graco Inc.

Jadalc S.A.C.

Lesoon Equipment Pte. Ltd.

Marco

Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC

The Paint Project, Inc.

Spin Import Export

Spray Pump Services, LLC

# EQUIPMENT BUYING GUIDE / Application

Surface Prep Supply  
T Tex Industries LP  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies  
WIWA LLC

## MASKING TAPE AND RELATED MATERIALS

AirTech Spray Systems  
BlastOne International  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Envirosafe Stripping Inc.  
Glenn Saren & Assoc. Inc.  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
National Concrete Accessories  
The Paint Project, Inc.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives  
Trimaco Inc.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

## MITTS

AirTech Spray Systems  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Glenn Saren & Assoc. Inc.  
Lesoon Equipment Pte. Ltd.  
National Concrete Accessories  
Spray Pump Services, LLC  
Surface Prep Supply  
T Tex Industries LP  
Trimaco Inc.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

## MIXERS AND AGITATORS

Absolute Equipment  
AirTech Spray Systems  
Albion Engineering Company  
Arkco (Thailand) Co., Ltd.  
Beardsley Sales  
Bittner's Spray Equipment Co.  
Blastline India Pvt. Ltd.  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
CS Unitec, Inc.  
EnDiSys  
Envirosafe Stripping Inc.  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
HERO Products Group a division of I.C.T.C. Holdings Corp.  
HoverTrowel, Inc.  
IDS Blast  
INDCO, Inc.  
Jadalc S.A.C.

Jon-Don  
Kraft Tool Co.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
The Paint Project, Inc.  
Paul N. Gardner Company  
Quikspray, Inc.

The Warehouse Rentals and Supplies



Spin Import Export  
Spray Pump Services, LLC  
Sulzer Mixpac  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives  
Titan Tool  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies  
WIWA LLC

## PAINT POTS FOR SPRAY PAINTING

Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bittner's Spray Equipment Co.  
Blast/Coat Systems, Inc.  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
DUX Technologies, Inc.  
EnDiSys  
Envirosafe Stripping Inc.  
Glenn Saren & Assoc. Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
The Paint Project, Inc.  
Pinnacle Central Co.  
Spin Import Export  
Spray Pump Services, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives  
Titan Tool  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.

## PIPE, INTERNALS, APPLICATION EQUIPMENT

Abrasive & Equipment of Arizona, Inc.  
Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Disnamair, S.A.  
EnDiSys  
IBIX North America, Surface Tech. LLC  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
N.T. Ruddock Co.  
The Paint Project, Inc.  
Paul N. Gardner Company  
Pinnacle Central Co.  
Remote Orbital Installations, LLC  
Spray Pump Services, LLC  
Surface Prep Supply  
T Tex Industries LP  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies  
Wheelabrator  
WIWA LLC

## PUMPS FOR SPRAY PAINTING

Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bittner's Spray Equipment Co.  
Blasting Experts  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
EnDiSys  
Envirosafe Stripping Inc.  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies



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DeHumidification Technologies LP offers rental desiccant and refrigerant dehumidifiers. We house the largest fleet and variety of climate control equipment in the industry. Our experience and knowledge are available 24/7 and will ensure you complete your project on time and under budget.

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Chicago, IL • St. Louis, MO • Nashville, TN • Norfolk, VA • Seattle, WA

Australia - Melbourne, VIC • Sydney, NSW • Thailand - Bangkok  
Canada - Edmonton, AB • Singapore

## EQUIPMENT BUYING GUIDE / Application

Oak Ridge Foam and Coating Systems/Franklin

Consulting Services, LLC

The Paint Project, Inc.

Quikspray, Inc.

Spin Import Export

Spray Pump Services, LLC

Sulzer Mixpac

Surface Prep Supply

Surface Preparation-Texas, LLC

T Tex Industries LP

TCR Blast Abrasives

Titan Tool

Uni-Royal Pack Co., Ltd.

Victory Air & Equipment

VR Coatings (North America) Ltd.

VR Coatings Pvt. Ltd.

The Warehouse Rentals and Supplies

WIWA LLC

### ROBOTIC SPRAY SYSTEMS

Airblast B.V.

AirTech Spray Systems

Blasting Experts

BlastOne Australia

BlastOne International

Bolair Fluid Handling Systems

Corrosion Specialties Inc.

DUX Technologies, Inc.

EnDiSys

ICM - International Climbing Machines

Jadalc S.A.C.

The Paint Project, Inc.

Remote Orbital Installations, LLC

Spin Import Export

T Tex Industries LP

Uni-Royal Pack Co., Ltd.

VF Specialty Products, LLC (SPI)

VLN Advanced Technologies Inc.

VR Coatings Pvt. Ltd.

The Warehouse Rentals and Supplies

### ROLLERS, HAND-POWERED

AirTech Spray Systems

Arkco (Thailand) Co., Ltd.

Blasting Experts

BlastOne International

CESCO - Aqua Miser

Corrosion Specialties Inc.

Envirosafe Stripping Inc.

Glenn Saren & Assoc. Inc.

Jadalc S.A.C.

Jon-Don

Lesoon Equipment Pte. Ltd.

Marco

MES - Nationwide Rentals & Supplies

Mr. LongArm, Inc.

National Concrete Accessories

The Paint Project, Inc.

Shur-Line

Spray Pump Services, LLC

Surface Prep Supply

Surface Preparation-Texas, LLC

T Tex Industries LP

TCR Blast Abrasives

Titan Tool

Uni-Royal Pack Co., Ltd.

Victory Air & Equipment

The Warehouse Rentals and Supplies

The Wooster Brush Company

### ROLLERS, PIPE

AirTech Spray Systems

Arkco (Thailand) Co., Ltd.

Corrosion Specialties Inc.

Glenn Saren & Assoc. Inc.

Jon-Don

Marco

MES - Nationwide Rentals & Supplies

Surface Prep Supply

TCR Blast Abrasives

### ROLLERS, PRESSURIZED

AirTech Spray Systems

Arkco (Thailand) Co., Ltd.

Bittner's Spray Equipment Co.

Blasting Experts

BlastOne International

CESCO - Aqua Miser

Corrosion Specialties Inc.

EnDiSys

Glenn Saren & Assoc. Inc.

Lesoon Equipment Pte. Ltd.

Marco

MES - Nationwide Rentals & Supplies

The Paint Project, Inc.

Spray Pump Services, LLC

Surface Prep Supply

T Tex Industries LP

Titan Tool

Uni-Royal Pack Co., Ltd.

Victory Air & Equipment

The Warehouse Rentals and Supplies

### SPIKED ROLLERS, SHOES

Arkco (Thailand) Co., Ltd.

Bon Tool Co.

CESCO - Aqua Miser

Corrosion Specialties Inc.

Floorex Products

Glenn Saren & Assoc. Inc.

HoverTrowel, Inc.

Jon-Don

Kraft Tool Co.

Marco

MES - Nationwide Rentals & Supplies

Surface Prep Supply

T Tex Industries LP

TCR Blast Abrasives

The Wooster Brush Company

### SPRAY BOOTHS

Airblast B.V.

AirTech Spray Systems

Arkco (Thailand) Co., Ltd.

Blastline India Pvt. Ltd.

BlastOne Australia

BlastOne International

Bolair Fluid Handling Systems

Canfield & Joseph, Inc.

CESCO - Aqua Miser

Corrosion Specialties Inc.

Disnamair, S.A.

EnDiSys

Envirosafe Stripping Inc.

IDS Blast

Lesoon Equipment Pte. Ltd.

LS Industries, Inc.

Marco

Metallisation Ltd.

Norton Sandblasting Equipment

The Paint Project, Inc.

Paul N. Gardner Company

Southern Equipment Distribution, LLC

Surface Prep Supply

Surface Preparation-Texas, LLC

T Tex Industries LP

VF Specialty Products, LLC (SPI)

Victory Air & Equipment

VR Coatings Pvt. Ltd.

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### SPRAY GUNS

Abrasives Inc.

AirTech Spray Systems

Albion Engineering Company

Arkco (Thailand) Co., Ltd.

Bittner's Spray Equipment Co.

Blast/Coat Systems, Inc.

Blastline India Pvt. Ltd.

BlastOne International

Bolair Fluid Handling Systems

Canfield & Joseph, Inc.

CESCO - Aqua Miser

Corrosion Specialties Inc.

Disnamair, S.A.

DUX Technologies, Inc.

EnDiSys

Envirosafe Stripping Inc.

Glenn Saren & Assoc. Inc.

Graco Inc.

IBIX North America, Surface Tech. LLC

IDS Blast

Jadalc S.A.C.

Lesoon Equipment Pte. Ltd.

LS Industries, Inc.

Marco

MES - Nationwide Rentals & Supplies

Metallisation Ltd.

Oak Ridge Foam and Coating Systems/Franklin

Consulting Services, LLC

The Paint Project, Inc.

Paul N. Gardner Company

Quikspray, Inc.

Remote Orbital Installations, LLC

Spin Import Export

Spray Pump Services, LLC

Sulzer Mixpac

Surface Prep Supply

Surface Preparation-Texas, LLC

T Tex Industries LP

TCR Blast Abrasives

Titan Tool

TMS Metalizing Systems, Ltd.

TriTech Industries, Inc.

Uni-Royal Pack Co., Ltd.

VF Specialty Products, LLC (SPI)

Victory Air & Equipment

VR Coatings (North America) Ltd.

VR Coatings Pvt. Ltd.

The Warehouse Rentals and Supplies

WIWA LLC

### SPRAY HOSES AND FITTINGS

Abrasives Inc.

AirTech Spray Systems

Arkco (Thailand) Co., Ltd.

Bedford Precision Products

Bittner's Spray Equipment Co.

Blast/Coat Systems, Inc.

Blasting Experts

Blastline India Pvt. Ltd.

BlastOne Australia

BlastOne International  
 Bolair Fluid Handling Systems  
 Bon Tool Co.  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Disnamair, S.A.  
 DUX Technologies, Inc.  
 EnDiSys  
 Envirosafe Stripping Inc.  
 Glenn Saren & Assoc. Inc.  
 Graco Inc.  
 IDS Blast  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 The Paint Project, Inc.  
 Quikspray, Inc.  
 Spin Import Export  
 Spray Pump Services, LLC  
 Sulzer Mixpac  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 Titan Tool  
 TriTech Industries, Inc.  
 Uni-Royal Pack Co., Ltd.

VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 VR Coatings (North America) Ltd.  
 VR Coatings Pvt. Ltd.  
 The Warehouse Rentals and Supplies  
 WIWA LLC

#### SPRAY NOZZLES AND TIPS

Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Bedford Precision Products  
 Bittner's Spray Equipment Co.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Bolair Fluid Handling Systems  
 Bon Tool Co.  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Disnamair, S.A.  
 DUX Technologies, Inc.  
 EnDiSys  
 Envirosafe Stripping Inc.  
 Glenn Saren & Assoc. Inc.  
 Graco Inc.  
 IDS Blast  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.

Marco  
 MES - Nationwide Rentals & Supplies  
 Nordson EFD  
 Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 The Paint Project, Inc.  
 Quikspray, Inc.  
 Spin Import Export  
 Spray Pump Services, LLC  
 Sulzer Mixpac  
 Super Titan Company  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 Titan Tool  
 TMS Metalizing Systems, Ltd.  
 TriTech Industries, Inc.  
 Uni-Royal Pack Co., Ltd.  
 VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 VR Coatings (North America) Ltd.  
 VR Coatings Pvt. Ltd.  
 The Warehouse Rentals and Supplies  
 WIWA LLC

#### SPRAY SYSTEMS, AIR

Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Bedford Precision Products  
 Bittner's Spray Equipment Co.

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Use the **only** lead service designed for painting contractors and suppliers like you. We give you fully researched project leads like the one below, complete with painting and surface prep details.

Project: Block 35 Elevated Tank Painting Project

Sample Project

Project Number: 1844-00  
 Owner: City of Manhattan Beach  
 Date: 05/26/2020  
 Date Posted: 05/26/2020  
 Pre-Bid Meeting Date: 05/26/2020  
 The Bid Due Date: 05/26/2020  
 Cost Estimator: \$1,279,000  
 Stage: Bidding  
 Type of Contract: Painting  
 Address: 1421 4th Street  
 Project Location: Manhattan Beach, CA 90266  
 Location: Los Angeles County, CA  
 Suburb: Manhattan Beach  
 Project Date: 300,000 gal elevated water storage tank

**How Map**

**RELEVANT NOTES**  
 This project involves coating the interior and exterior surfaces of an existing 300,000 gal elevated water storage tank.  
 The work includes cleaning (SPW) and coating the interior surfaces with a 100% solids epoxy coating system.  
 The exterior surfaces will be cleaned (SPW) and coated with an epoxy-urethane system.  
 Two special pre-bid meetings and site visits will be held on Tuesday, May 26, 2020 at 9:30 a.m. and Wednesday, May 27, 2020 at 1:00 p.m.  
 Bids must include Technical, Device, International, Sheet or an equivalent issue.

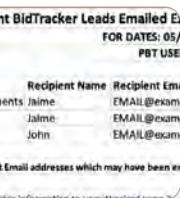
**OWNER DETAILS**  
 Owner: City of Manhattan Beach  
 Location: 1421 Highland Avenue, Manhattan Beach, CA 90266  
 Contact Name: 3108205580  
 Telephone: 3108205580  
 Email Address: jumaria@mbgov.org  
 Web Site: [www.mbgov.org](http://www.mbgov.org)

**SPECIFICATIONS / DOCUMENTS**  
 File Name: [Manhattan.pdf](#) Document Type: Specification  
 Date Posted: 05/26/2020  
 Size: 8.16 MB

**OWNER COMMENTS**  
 \*Please note: Documents are released free speech after May 26, 2020.

- » **New features!** CRM-style sales tracking, Salesforce integration and more
- » Searchable plans, specifications and line items
- » Bidding-stage notices customized to what is important to you

Qualified	Action
<input type="button" value="Yes"/>	<input type="button" value="No"/>
<input type="button" value="SALE"/>	
<input type="button" value="Yes"/>	<input type="button" value="No"/>
<input type="button" value="SALE"/>	
<input type="button" value="reset"/>	

**Paint BidTracker Leads Emailed** 

FOR DATES: 05/26/2020 - 05/27/2020  
 PBT USE

Bid ID	Project Name	Recipient Name	Recipient Email
5538022	#114525R2-Palm Duro Canyon SP- Water Treatment Plant Improvements	Jaime	EMAIL@exam...
4998916	GRADING, DRAINAGE, PAVING, AND STRUCTURE	Jaime	EMAIL@exam...
5799323	Construction of PL19TX	John	EMAIL@exam...

**Please Note:** Recipient Email addresses which may have been entered in the bid form.

Access your free three-day trial at [paintbidtracker.com](http://paintbidtracker.com) or contact [sales@paintbidtracker.com](mailto:sales@paintbidtracker.com) for your free demo.  
 (No credit card or payment information needed!)

## EQUIPMENT BUYING GUIDE / Application

Blasting Experts  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Desco Mfg. Co., Inc.  
Disnamair, S.A.  
DUX Technologies, Inc.  
EnDiSys  
Envirosafe Stripping Inc.  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IBIX North America, Surface Tech. LLC  
ICM - International Climbing Machines  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Nordson EFD  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
The Paint Project, Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Sulzer Mixpac  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Titan Tool  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies  
WIWA LLC

**SPRAY SYSTEMS, AIR-ASSISTED AIRLESS**  
Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bedford Precision Products  
Bittner's Spray Equipment Co.  
Blasting Experts  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
EnDiSys  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
The Paint Project, Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Titan Tool

Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies  
WIWA LLC

**SPRAY SYSTEMS, AIRLESS**  
Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bedford Precision Products  
Bittner's Spray Equipment Co.  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
EnDiSys  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
The Paint Project, Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives  
Titan Tool  
TriTech Industries, Inc.  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies  
WIWA LLC

**SPRAY SYSTEMS, ELECTROSTATIC**  
Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bittner's Spray Equipment Co.  
BlastOne International  
Bolair Fluid Handling Systems  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
EnDiSys  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IDS Blast  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
The Paint Project, Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Titan Tool

Titan Tool  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies

### SPRAY SYSTEMS, HVLP

Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bedford Precision Products  
Bittner's Spray Equipment Co.  
BlastOne International  
Bolair Fluid Handling Systems  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
DUX Technologies, Inc.  
EnDiSys  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IDS Blast  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
The Paint Project, Inc.  
Quikspray, Inc.



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Spin Import Export  
Spray Pump Services, LLC  
Surface Prep Supply  
T Tex Industries LP  
Titan Tool  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
VR Coatings (North America) Ltd.  
VR Coatings Pvt. Ltd.  
The Warehouse Rentals and Supplies

### SPRAY SYSTEMS, PLURAL COMPONENT

Abrasives Inc.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Arma Coatings  
Bedford Precision Products  
Bittner's Spray Equipment Co.  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Disnamair, S.A.  
EnDiSys  
Glenn Saren & Assoc. Inc.  
Graco Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies

Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 The Paint Project, Inc.  
 Remote Orbital Installations, LLC  
 Spin Import Export  
 Spray Pump Services, LLC  
 Sulzer Mixpac  
 Surface Prep Supply  
 T Tex Industries LP  
 Titan Tool  
 Uni-Royal Pack Co., Ltd.  
 VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 VR Coatings (North America) Ltd.  
 VR Coatings Pvt. Ltd.  
 The Warehouse Rentals and Supplies  
 WIWA LLC

#### SQUEEGEE FLOOR COATING MACHINES

Bon Tool Co.  
 EnDiSys  
 Glenn Saren & Assoc. Inc.  
 Quikspray, Inc.



Surface Prep Supply  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

#### STRAINERS

AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Bedford Precision Products  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Envirosafe Stripping Inc.  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 The Paint Project, Inc.  
 Paul N. Gardner Company  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 Trimaco Inc.  
 Uni-Royal Pack Co., Ltd.  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

#### SUNDRIES

Abatron, Inc.  
 Albion Engineering Company  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Full Circle International Inc.  
 Glenn Saren & Assoc. Inc.  
 H.F. Staples & Co., Inc.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 The Paint Project, Inc.  
 Shur-Line

Spray Pump Services, LLC  
 Sulzer Mixpac USA Inc.  
 Sunnyside Corporation/Back To Nature Products  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 Tower Sealants / M-D Building  
 Trimaco Inc.  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

#### TERMAL SPRAY EQUIPMENT

AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 BlastOne International  
 CESCO - Aqua Miser  
 EnDiSys  
 Glenn Saren & Assoc. Inc.  
 IBIX North America, Surface Tech. LLC  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Metallisation Ltd.  
 Surface Prep Supply  
 Thermion  
 Titan Tool  
 TMS Metalizing Systems, Ltd.  
 Uni-Royal Pack Co., Ltd.  
 The Warehouse Rentals and Supplies

#### TRAFFIC LINE STRIPERS

Abrasives Inc.  
 Absolute Equipment  
 AirTech Spray Systems  
 Bedford Precision Products  
 Bittner's Spray Equipment Co.  
 BlueGreen Technologies LLC  
 Bolair Fluid Handling Systems  
 Corrosion Specialties Inc.  
 EnDiSys  
 Glenn Saren & Assoc. Inc.  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 The Paint Project, Inc.  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 T Tex Industries LP  
 Titan Tool  
 Uni-Royal Pack Co., Ltd.  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

#### TROWELS, HAND

Bon Tool Co.  
 HoverTrowel, Inc.  
 Jon-Don  
 Kraft Tool Co.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 National Concrete Accessories  
 Surface Prep Supply  
 The Warehouse Rentals and Supplies

#### TROWELS, POWER

Absolute Equipment  
 Central Texas Equipment

HoverTrowel, Inc.

Jon-Don  
 MES - Nationwide Rentals & Supplies  
 National Concrete Accessories  
 Surface Prep Supply  
 The Warehouse Rentals and Supplies

#### UNDERWATER APPLICATION EQUIPMENT

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 Safespan Platform Systems, Inc.  
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### COOLING EQUIPMENT

ABC Industries, Inc.  
Arkco (Thailand) Co., Ltd.  
Axxiom Manufacturing, Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
Bullard  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
DeHumidification Technologies, LP  
DryAIR by TDM  
EnDiSys  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Munters Corporation  
Pinnacle Central Co.  
Polygon US Corporation  
Rapid Prep  
Surface Prep Supply  
United Western Denver  
The Warehouse Rentals and Supplies

### DEHUMIDIFIERS

ABC Industries, Inc.  
Absolute Equipment  
Airblast B.V.  
ARID-DRY by Controlled Dehumidification  
Arkco (Thailand) Co., Ltd.  
Axxiom Manufacturing, Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
DeHumidification Technologies, LP  
DryAIR by TDM  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Munters Corporation  
Phoenix Equipment  
Pinnacle Central Co.  
Polygon US Corporation

### Pro-Tect Services, Inc.

Rapid Prep  
Surface Prep Supply  
T Tex Industries LP  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

### GENERATORS, PORTABLE

ABLE Equipment Rental  
Absolute Equipment  
AirTech Spray Systems  
ARID-DRY by Controlled Dehumidification  
BlueGreen Technologies LLC  
Central Texas Equipment  
CESCO - Aqua Miser  
DeHumidification Technologies, LP  
Doosan Portable Power  
DryAIR by TDM  
EnDiSys  
Floorex Products  
Jon-Don  
The Paint Project, Inc.  
Pinnacle Central Co.  
Polygon US Corporation  
Pro-Tect Services, Inc.  
Surface Prep Supply  
Trask-Decrow Machinery, Inc.  
The Warehouse Rentals and Supplies  
WorkSite Lighting, LLC

### HEATERS

ABLE Equipment Rental  
Absolute Equipment  
BlastOne International  
Central Texas Equipment  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
DeHumidification Technologies, LP  
DryAIR by TDM  
EnDiSys  
Envirosafe Stripping Inc.  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Marco  
Munters Corporation  
The Paint Project, Inc.  
Phoenix Equipment  
Pinnacle Central Co.  
Polygon US Corporation  
Rapid Prep  
SJS Equipment LLC  
Spray Pump Services, LLC  
Surface Prep Supply  
United Western Denver  
The Warehouse Rentals and Supplies

### LIGHTING

ABLE Equipment Rental  
Absolute Equipment  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
Central Texas Equipment  
Corrosion Specialties Inc.

### Doosan Portable Power

DryAIR by TDM  
General Equipment Company  
ICM - International Climbing Machines  
IDS Blast  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
LPI Incorporated  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
N.T. Ruddock Co.  
Norton Sandblasting Equipment  
The Paint Project, Inc.  
Pinnacle Central Co.  
Pirate Brand  
Rapid Prep  
SAFE Systems, Inc.  
Safety Lamp of Houston  
Southern Equipment Distribution, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
Trask-Decrow Machinery, Inc.  
United Western Denver  
Victory Air & Equipment  
The Warehouse Rentals and Supplies  
WorkSite Lighting, LLC

### LIGHTING, EXPLOSION-PROOF

AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DryAIR by TDM  
IDS Blast  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
LPI Incorporated  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
N.T. Ruddock Co.  
Norton Sandblasting Equipment  
The Paint Project, Inc.  
Rapid Prep  
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Surface Prep Supply

T Tex Industries LP

United Western Denver

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WorkSite Lighting, LLC

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Blasting Experts  
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CESCO - Aqua Miser  
Corrosion Specialties Inc.  
DeHumidification Technologies, LP  
Jon-Don  
KTA-Tator, Inc.  
Marco  
MES - Nationwide Rentals & Supplies  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
The Warehouse Rentals and Supplies

**CAR COVERS**

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Detroit Tarp, Inc.  
Surface Prep Supply  
Trimaco Inc.  
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**CONTAINMENT, OTHER MATERIALS AND EQUIPMENT**

AirTech Spray Systems  
ARS Recycling Systems  
Blast/Coat Systems, Inc.  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
Buffalo Shrink Wrap Inc.  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clean&Safe  
Corrosion Specialties Inc.  
Detroit Tarp, Inc.  
Eagle Industries  
Envirosafe Stripping Inc.  
Indian Valley Industries, Inc.  
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Marco  
MES - Nationwide Rentals & Supplies  
Mr. LongArm, Inc.  
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Total Enclosure Sail System, Inc.  
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Spray Pump Services, LLC  
Surface Prep Supply  
T Tex Industries LP  
Tarps Manufacturing, Inc.



**CONTAINMENT, SCREENS**

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BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Detroit Tarp, Inc.  
Eagle Industries  
Envirosafe Stripping Inc.  
Floorex Products  
IDS Blast  
Indian Valley Industries, Inc.  
Jon-Don  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Norton Sandblasting Equipment  
Pinnacle Central Co.  
Pro-Tect Plastic and Supply, Inc.  
Pro-Tect Services, Inc.  
Spray Pump Services, LLC  
Surface Prep Supply  
T Tex Industries LP  
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Trimaco Inc.  
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Zip Wall Dust Barrier System

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### DUST COLLECTORS - HAND HELD TOOLS

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Abrasive Warehouse & Equipment  
Abrasives Inc.  
Airtac Ltd.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
ARS Recycling Systems  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
Canfield & Joseph, Inc.  
Central Texas Equipment  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
CS Unitec, Inc.  
Dawson-Macdonald Company  
DeHumidification Technologies, LP  
Desco Mfg. Co., Inc.  
Draygon Enterprises, Inc.  
Eagle Industries  
EDCO - Equipment Development Co. Inc.  
Envirosafe Stripping Inc.  
Floorex Products  
General Equipment Company  
HoverTrowel, Inc.  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Julbert, Inc.

LS Industries, Inc.  
M&W Shops Inc./ Multi-Vac  
Marco  
MES - Nationwide Rentals & Supplies  
Norton Sandblasting Equipment  
Novatek Corporation  
Rapid Prep  
Smith Surface-Prep Solutions  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
Trelawny SPT Ltd  
Uni-Ram Corporation  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

Abrasives Inc.  
ABS Blast  
Airblast B.V.  
Airtac Ltd.  
AirTech Spray Systems  
ARID-DRY by Controlled Dehumidification  
Arkco (Thailand) Co., Ltd.  
ARS Recycling Systems  
Atlantic Design Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DeHumidification Technologies, LP  
Draygon Enterprises, Inc.  
Eagle Industries

EDCO - Equipment Development Co. Inc.  
EnTech Industries  
Envirosafe Stripping Inc.  
ESCA Blast  
Floorex Products  
Friess Equipment, Inc.  
Goff Inc.  
Gritco Equipment B.V.



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Marco

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Norton Sandblasting Equipment

Novatek Corporation

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Pirate Brand

Pro-Tect Services, Inc.

Rapid Prep

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Southern Equipment Distribution, LLC

Surface Prep Supply

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#### SOLVENT RECOVERY SYSTEMS

AirTech Spray Systems  
BlastOne International  
Bolair Fluid Handling Systems  
CBG Biotech  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
EnDiSys  
Envirosafe Stripping Inc.  
Jon-Don  
The Paint Project, Inc.  
Persyst Enterprises, Inc.  
Pinnacle Central Co.  
Solvent Waste Management, Inc.  
Southern Equipment Distribution, LLC  
Spray Pump Services, LLC  
Surface Prep Supply  
T Tex Industries LP  
Uni-Ram Corporation  
Victory Air & Equipment  
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#### TARPS

AirTech Spray Systems  
Blast/Coat Systems, Inc.  
Blasting Experts

BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc  
CESCO - Aqua Miser  
Clean&Safe  
Corrosion Specialties Inc.  
Detroit Tarp, Inc.  
Eagle Industries  
Envirosafe Stripping Inc.  
IDS Blast  
Indian Valley Industries, Inc.  
Jon-Don  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.

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Norton Sandblasting Equipment  
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Pro-Tect Services, Inc.  
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Surface Prep Supply  
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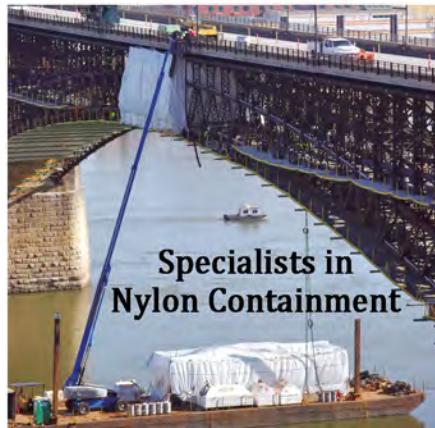


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### VENTILATION EQUIPMENT

ABC Industries, Inc.  
Abrasive Warehouse & Equipment  
ABS Blast  
Absolute Equipment  
Airblast B.V.  
AirTech Spray Systems  
ARS Recycling Systems  
Blast/Coat Systems, Inc.  
Blasting Experts  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
CS Unitec, Inc.  
Dawson-Macdonald Company  
DeHumidification Technologies, LP  
Draygon Enterprises, Inc.  
Dry Air Technology  
Eagle Industries  
EnDiSys  
EnTech Industries  
Envirosafe Stripping Inc.  
Floorex Products  
General Equipment Company  
IDS Blast  
Jadalc S.A.C.  
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Julbert, Inc.  
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Pinnacle Central Co.  
Pro-Tect Services, Inc.  
Rapid Prep  
SAFE Systems, Inc.  
Southern Equipment Distribution, LLC  
Surface Prep Supply  
T Tex Industries LP  
United Western Denver  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

### WASTE PAINT SOLIDIFIERS

CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Draygon Enterprises, Inc.  
Envirosafe Stripping Inc.  
Surface Prep Supply  
T Tex Industries LP  
Trimaco Inc.  
The Warehouse Rentals and Supplies

### WATER FILTRATION PRODUCTS

AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
CESCO - Aqua Miser  
Draygon Enterprises, Inc.  
EnDiSys  
Jon-Don  
Surface Prep Supply  
United Western Denver  
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Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
BYK-Gardner USA  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Envirosafe Stripping Inc.  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Marco  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
SEMICRO Div., M.E. Taylor Engr. Inc.  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**ADHESION TESTERS, TENSILE**

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation



Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Envirosafe Stripping Inc.  
Floorex Products  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Marco  
Metallisation Ltd.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
SEMICRO Div., M.E. Taylor Engr. Inc.  
Spin Import Export  
Spray Pump Services, LLC

Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
Thermion  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**CALIBRATION STANDARDS**

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
BYK-Gardner USA  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Envirosafe Stripping Inc.  
Fischer Technology, Inc.  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
James Instruments Inc.  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**COMPARATORS, PROFILE**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
Canfield & Joseph, Inc.  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Marco  
Metallisation Ltd.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Oak Ridge Foam and Coating systems/Franklin  
Consulting Services, LLC  
Paul N. Gardner Company  
Spin Import Export

Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
Thermion  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
United Western Denver  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**GLOSS METERS**

Arkco (Thailand) Co., Ltd.  
BYK-Gardner USA  
Corrosion & Protective Coatings S.A.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
Jon-Don  
KTA-Tator, Inc.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TIME Group Inc.  
TQC Sheen USA  
The Warehouse Rentals and Supplies

**HOLIDAY DETECTORS, HIGH VOLTAGE**

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation



Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Fischer Technology, Inc.  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
James Instruments Inc.

KTA-Tator, Inc.



Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Pipeline Inspection Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TIME Group Inc.  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies  
Wegener Welding LLC

#### **HOLIDAY DETECTORS, LOW VOLTAGE**

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
James Instruments Inc.  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Pipeline Inspection Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TIME Group Inc.  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies  
Wegener Welding LLC

#### **HUMIDITY GAGES**

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
Canfield & Joseph, Inc.  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation



DeHumidification Technologies, LP  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Floorex Products  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
Jon-Don  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
Metallisation Ltd.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
Thermion  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
Wagner Meters  
The Warehouse Rentals and Supplies

#### **INSPECTION LIGHTS, GENERAL**

Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Envirosafe Stripping Inc.  
Flashlights Unlimited  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
Jon-Don  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
LPI Incorporated  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
Uni-Royal Pack Co., Ltd.

Norton Sandblasting Equipment

NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
SAFE Systems, Inc.  
Safety Lamp of Houston  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

#### **INSPECTION LIGHTS, ULTRAVIOLET**

Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Flashlights Unlimited  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Marco  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
SAFE Systems, Inc.  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
The Warehouse Rentals and Supplies

#### **LASER MEASURES**

Corrosion & Protective Coatings S.A.  
Jon-Don  
KTA-Tator, Inc.  
Naval & Industrial Solutions  
Paul N. Gardner Company  
Surface Prep Supply  
TQC Sheen USA

#### **LEAD TEST KITS**

Blasting Experts  
BlastOne Australia  
BlastOne International  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer, Inc  
Envirosafe Stripping Inc.  
Jon-Don  
KTA-Tator, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
Uni-Royal Pack Co., Ltd.

Victory Air & Equipment  
The Warehouse Rentals and Supplies

**MICROSCOPES, FIELD**

BYK-Gardner USA  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
KTA-Tator, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Naval & Industrial Solutions  
Paul N. Gardner Company  
SEM Micro Div., M.E. Taylor Engr. Inc.  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment

**MOISTURE METERS, CONCRETE**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
DeHumidification Technologies, LP  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Floorex Products  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
James Instruments Inc.  
Jon-Don  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Lignomat USA Ltd  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
Wagner Meters  
The Warehouse Rentals and Supplies

**NEEDLE PRESSURE GAGES**

Abrasives Inc.  
Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Axxiom Manufacturing, Inc.  
Bell & MacKenzie, A Business of Marco Blast &  
Abrasives Canada Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia

BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
IDS Blast  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
Norton Sandblasting Equipment  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Pirate Brand  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
United Western Denver  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**NOZZLE ORIFICE GAGES**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Axxiom Manufacturing, Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Everblast Inc.  
IDS Blast  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
N.T. Riddock Co.  
Naval & Industrial Solutions  
Norton Sandblasting Equipment  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Pirate Brand  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
United Western Denver  
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**PIT GAGES**

Arkco (Thailand) Co., Ltd.  
Canfield & Joseph, Inc.  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Cygnum Instruments, Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**PROFILMETERS**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
KTA-Tator, Inc.  
Metallisation Ltd.  
N.T. Rudder Co.  
Naval & Industrial Solutions  
Norton Sandblasting Equipment  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
Thermion  
TIME Group Inc.  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**PSYCHROMETERS**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeHumidification Technologies, LP  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
Naval & Industrial Solutions

NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**REPLICA TAPE**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.

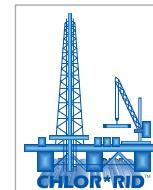


Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Metallisation Ltd.  
Naval & Industrial Solutions  
Norton Sandblasting Equipment  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
Testex  
Thermion  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
United Western Denver  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**TEST KITS, NON-VISIBLE CONTAMINANTS**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
ARP Instruments, Inc  
Blasting Experts  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser

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**Corrosion & Protective Coatings S.A.**

Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
Jon-Don  
KTA-Tator, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
Thermion  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**THERMOMETERS, SURFACE TEMPERATURE**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Floorex Products  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
Jon-Don  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
Metallisation Ltd.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TIME Group Inc.  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)

Victory Air & Equipment  
The Warehouse Rentals and Supplies

**THICKNESS GAGES, DRY FILM, DESTRUCTIVE**

Abrasives Inc.  
Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Fischer Technology, Inc.  
Floorex Products  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
The Paint Project, Inc.  
Paul N. Gardner Company  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
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**THICKNESS GAGES, DRY FILM, EDDY CURRENT**

Abrasives Inc.  
Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Fischer Technology, Inc.  
ICM - International Climbing Machines  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
MES - Nationwide Rentals & Supplies  
Metallisation Ltd.  
Naval & Industrial Solutions

NZ Corrosion Services Ltd.  
The Paint Project, Inc.  
Paul N. Gardner Company  
SEMico Div., M.E. Taylor Engr. Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TIME Group Inc.  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
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TMS Metalizing Systems, Ltd.  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**THICKNESS GAGES, WET FILM**

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
BYK-Gardner USA  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Envirosafe Stripping Inc.  
Fischer Technology, Inc.  
Floorex Products  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
The Paint Project, Inc.  
Paul N. Gardner Company  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**THICKNESS GAGES, DRY FILM, MAGNETIC**

Abrasives Inc.  
Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
DeFelsko Corporation



Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Fischer Technology, Inc.  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.



Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
SEMico Div., M.E. Taylor Engr. Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
The Paint Project, Inc.  
Thermion  
TIME Group Inc.

**THICKNESS TESTERS, ULTRASONIC**

Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
Canfield & Joseph, Inc.  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Cygnum Instruments, Inc.  
DeFelsko Corporation  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
ElektroPhysik Dr. Steingroever GmbH & Co. KG  
Floorex Products  
ICM - International Climbing Machines  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
James Instruments Inc.  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.

Marco  
Naval & Industrial Solutions  
Norton Sandblasting Equipment  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
SEMicro Div., M.E. Taylor Engr. Inc.  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TIME Group Inc.  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**VISCOSITY CUPS**

Arkco (Thailand) Co., Ltd.  
BlastOne International  
BYK-Gardner USA  
CESCO - Aqua Miser  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
KTA-Tator, Inc.  
Lesoon Equipment Pte. Ltd.  
Marco  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
The Paint Project, Inc.  
Paul N. Gardner Company  
Spin Import Export  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP

TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**VISUAL STANDARDS**

ACT Test Panels LLC  
Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne International  
BYK-Gardner USA  
Corrosion & Protective Coatings S.A.  
Corrosion Specialties Inc.  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Flashlights Unlimited  
Floorex Products  
ICM - International Climbing Machines  
IDS Blast  
Industrial Physics Inks & Coatings B.V.  
KTA-Tator, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
N.T. Ruddock Co.  
Naval & Industrial Solutions  
Norton Sandblasting Equipment  
NZ Corrosion Services Ltd.  
Paul N. Gardner Company  
Spin Import Export  
Spray Pump Services, LLC  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
The Warehouse Rentals and Supplies  
TQC Sheen USA  
Uni-Royal Pack Co., Ltd.  
Victory Air & Equipment

**SOFTWARE, ESTIMATING**

DevWave Software Inc.  
Turtle Creek Software

**SOFTWARE, PROJECT MANAGEMENT**

DevWave Software Inc.  
Elcometer (Asia) Pte Ltd  
Formulator Software LLC  
Turtle Creek Software

**SOFTWARE, SPECIFYING/MAINTENANCE MANAGEMENT**

Elcometer (Asia) Pte Ltd  
KTA-Tator, Inc.  
Marco  
Naval & Industrial Solutions  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
Turtle Creek Software

**TRAINING, EQUIPMENT-SPECIFIC**

ARS Recycling Systems  
Blasting Experts  
Draygon Enterprises, Inc.  
Fischer Technology, Inc.  
Global Training Solutions Inc.  
In-Spec Corporation Pte Ltd  
Julbert, Inc.  
Marco  
Metallisation Ltd.  
Naval & Industrial Solutions  
NZ Corrosion Services Ltd.  
Wheelabrator  
The Warehouse Rentals and Supplies

**TRAINING, HEALTH/ENVIRONMENTAL/SAFETY**

Blastline India Pvt. Ltd.  
Elcometer Education Institute  
Global Training Solutions Inc.  
Naval & Industrial Solutions  
The Warehouse Rentals and Supplies

**TRAINING, WORKFORCE**

Blasting Experts  
Blastline India Pvt. Ltd.  
Elcometer Education Institute  
Global Training Solutions Inc.  
In-Spec Corporation Pte Ltd  
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NZ Corrosion Services Ltd.  
VF Specialty Products, LLC (SPI)

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EQUIPMENT BUYING GUIDE /  
Laboratory Testing

**ABRASION RESISTANCE TESTERS**

Arkco (Thailand) Co., Ltd.  
BYK-Gardner USA  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Elcometer (Asia) Pte Ltd  
Elcometer, Inc  
Industrial Physics Inks & Coatings B.V.  
In-Spec Corporation Pte Ltd  
Marco

Naval & Industrial Solutions

NZ Corrosion Services Ltd.

Paul N. Gardner Company

Stone Tucker Instruments Inc.

TQC Sheen USA

Uni-Royal Pack Co., Ltd.

Victory Air & Equipment

The Warehouse Rentals and Supplies

## ADHESION TESTERS (LABORATORY)

Arkco (Thailand) Co., Ltd.

Atlas Material Testing Technology

BYK-Gardner USA

Corrosion & Protective Coatings S.A.

DeFelsko Corporation

Elcometer (Asia) Pte Ltd

Elcometer, Inc

Industrial Physics Inks & Coatings B.V.

In-Spec Corporation Pte Ltd

Lesoon Equipment Pte. Ltd.

Marco

Naval & Industrial Solutions

NZ Corrosion Services Ltd.

Paul N. Gardner Company

SEMicro Div., M.E. Taylor Engr. Inc.

Stone Tucker Instruments Inc.

T Tex Industries LP

TQC Sheen USA

Uni-Royal Pack Co., Ltd.

Victory Air & Equipment

The Warehouse Rentals and Supplies

## ATLAS TEST CELL (OR OTHER THAT MEETS ASTM C868)

Atlas Material Testing Technology

Naval & Industrial Solutions

The Warehouse Rentals and Supplies

## COLOR QC

Arkco (Thailand) Co., Ltd.

Atlas Material Testing Technology

BYK-Gardner USA

Elcometer, Inc

Industrial Physics Inks & Coatings B.V.

In-Spec Corporation Pte Ltd

Naval & Industrial Solutions

Paul N. Gardner Company

Stone Tucker Instruments Inc.

TQC Sheen USA

Uni-Royal Pack Co., Ltd.

The Warehouse Rentals and Supplies

## CORROSION MEASUREMENT INSTRUMENTS

Arkco (Thailand) Co., Ltd.

ARP Instruments, Inc

Atlas Material Testing Technology

Corrosion & Protective Coatings S.A.

DeFelsko Corporation

Elcometer, Inc

Fischer Technology, Inc.

Industrial Physics Inks & Coatings B.V.

James Instruments Inc.

KTA-Tator, Inc.

Marco

Naval & Industrial Solutions

NZ Corrosion Services Ltd.

Paul N. Gardner Company

Q-Lab Corporation

Stone Tucker Instruments Inc.

Surface Prep Supply

T Tex Industries LP

The Singleton Corporation

TQC Sheen USA

Uni-Royal Pack Co., Ltd.

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## ELECTROCHEMICAL IMPEDANCE TESTERS

Naval & Industrial Solutions

Paul N. Gardner Company

The Warehouse Rentals and Supplies

## GLOSS METERS

Arkco (Thailand) Co., Ltd.

BYK-Gardner USA

Corrosion & Protective Coatings S.A.

Elcometer (Asia) Pte Ltd

Elcometer, Inc

Industrial Physics Inks & Coatings B.V.

In-Spec Corporation Pte Ltd

Jon-Don

KTA-Tator, Inc.

Lesoon Equipment Pte. Ltd.

Naval & Industrial Solutions

NZ Corrosion Services Ltd.

Paul N. Gardner Company

Stone Tucker Instruments Inc.

Surface Prep Supply

T Tex Industries LP

TIME Group Inc.

TQC Sheen USA

Uni-Royal Pack Co., Ltd.

The Warehouse Rentals and Supplies

## HARDNESS TESTERS

Arkco (Thailand) Co., Ltd.

BYK-Gardner USA

Canfield & Joseph, Inc

CESCO - Aqua Miser

Corrosion & Protective Coatings S.A.

DeFelsko Corporation

Elcometer (Asia) Pte Ltd

Elcometer, Inc

Fischer Technology, Inc.

Industrial Physics Inks & Coatings B.V.

In-Spec Corporation Pte Ltd

James Instruments Inc.

Jon-Don

KTA-Tator, Inc.

Lesoon Equipment Pte. Ltd.

Naval & Industrial Solutions

NZ Corrosion Services Ltd.

Paul N. Gardner Company

Stone Tucker Instruments Inc.

Surface Prep Supply

T Tex Industries LP

TIME Group Inc.

TQC Sheen USA

Uni-Royal Pack Co., Ltd.

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## TEST CABINETS, CLEVELAND CONDENSING

Naval & Industrial Solutions

Q-Lab Corporation

The Singleton Corporation

## TEST CABINETS, CONTINUOUS SALT SPRAY

ARP Instruments, Inc

Atlas Material Testing Technology

Industrial Physics Inks & Coatings B.V.

Naval & Industrial Solutions

Paul N. Gardner Company

Q-Lab Corporation

The Singleton Corporation

TQC Sheen USA

## TEST CABINETS, CONTROLLED HUMIDITY

Atlas Material Testing Technology

Industrial Physics Inks & Coatings B.V.

Naval & Industrial Solutions

Q-Lab Corporation

The Singleton Corporation

TQC Sheen USA

## TEST CABINETS, CYCLIC IMMERSION

Atlas Material Testing Technology

Naval & Industrial Solutions

Q-Lab Corporation

The Singleton Corporation

## TEST CABINETS, CYCLIC SALT SPRAY

Atlas Material Testing Technology

Industrial Physics Inks & Coatings B.V.

Naval & Industrial Solutions

Paul N. Gardner Company

Q-Lab Corporation

The Singleton Corporation

TQC Sheen USA

## TEST CABINETS, MOIST SO<sub>2</sub>

Atlas Material Testing Technology

Industrial Physics Inks & Coatings B.V.

Naval & Industrial Solutions

The Singleton Corporation

## TEST CABINETS, UV CONDENSING

Atlas Material Testing Technology

Naval & Industrial Solutions

Q-Lab Corporation

The Singleton Corporation

TQC Sheen USA

## TEST CABINETS, WEATHERING

Atlas Material Testing Technology

Industrial Physics Inks & Coatings B.V.

Naval & Industrial Solutions

Q-Lab Corporation

The Singleton Corporation

TQC Sheen USA

## TEST COUPONS

ACT Test Panels LLC

Elcometer, Inc

Fischer Technology, Inc.

KTA-Tator, Inc.

Naval & Industrial Solutions

NZ Corrosion Services Ltd.

Q-Lab Corporation

Stone Tucker Instruments Inc.

T Tex Industries LP

The Singleton Corporation

Thermion

VF Specialty Products, LLC (SPI)



Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 Naval & Industrial Solutions  
 NZ Corrosion Services Ltd.  
 Paul N. Gardner Company  
 Stone Tucker Instruments Inc.  
 Surface Prep Supply  
 T Tex Industries LP  
 TIME Group Inc.  
 TQC Sheen USA  
 Uni-Royal Pack Co., Ltd.  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies



SPONSORED

# WHY WEAR AN OSHA-COMPLIANT RESPIRATOR WHEN WETBLASTING?

THOMAS ENGER, CLEMCO DIRECTOR OF PRODUCT SAFETY, MS, CSP, CHMM, CFM

**W**etblasting, also known as vapor, dustless and slurry blasting, noticeably reduces dust output during abrasive blasting. Different wetblast tools and processes suppress dust by mixing abrasive with a small amount of water before the abrasive strikes the target surface; however, none of these reliably reduce inhalation hazards below permissible exposure limits (PELs) established by OSHA. For this reason, OSHA regulations require that operators use NIOSH-approved, Type19C/CE supplied-air respirators when wetblasting, unless employers can prove by testing that operators' exposure to inhalation hazards is below PELs.

## INHALATION DANGERS EXPLAINED

After an abrasive strikes a surface being blasted, it shatters into fine particles. Likewise, the substrate of the target surface fragments into tiny particles when it is blasted. If these particles are inhaled, they can become trapped in the lungs and scar them, which damages the lungs' ability to function.

Additionally, abrasives and substrates may contain toxic materials. For example, paint blasted off a surface may contain lead or hexavalent chromium, and slag abrasives can contain trace amounts of arsenic, beryllium and cadmium. Inhaling even very small amounts of any of these materials can create serious health problems.

## ASKING OSHA FOR CLARIFICATION

In 2015, Clemco Industries asked OSHA

to clarify its position on wetblasting and respirator use:

*Is a Type CE continuous-flow respirator required when performing wet abrasive blasting where concentrations of toxic dust exceed the permissible exposure limits (PELs) cited in 29 CFR 1910.1000?*

OSHA responded with a letter of interpretation, which stated that NIOSH-approved, Type19C/CE supplied-air respirators are required unless:

- Exposure does not exceed PELs, as measured by several criteria outlined in OSHA's response.
- The blast operator is working with an exhaust-ventilated enclosure where the operator is separated from the nozzle and blast output, such as a blast cabinet.

See the full reply: [bit.ly/OSHA\\_reply\\_WB](http://bit.ly/OSHA_reply_WB)

Wetblasting noticeably reduces dust but does not reliably reduce inhalation hazards below PELs. Testing consistently supports OSHA's conclusion that, when wetblasting, operators need to wear NIOSH-approved, Type19C/CE supplied-air respirators. PHOTO COURTESY OF CLEMCO INDUSTRIES

## WHAT THIS MEANS

While wetblasting does reduce inhalation hazards, it does not reliably reduce these hazards below the PELs established for any hazardous substance, and there is no reason to believe that OSHA's response has changed since 2015. NIOSH testing and other industry tests consistently support OSHA's conclusion that when wetblasting, operators need to wear NIOSH-approved, Type19C/CE supplied-air respirators.

## WETBLAST SAFELY AND COMPLIANTLY

Many manufacturers provide OSHA-compliant respirators. Clemco offers Apollo 600 and Apollo 20 Supplied-Air Respirators, as well as blast suits and gloves, carbon monoxide monitor-alarms, and other personal protective equipment for use with its Wetblast FLEX portable, all-in-one wetblast system and its other wetblast options.

**More information:** [clemcoindustries.com](http://clemcoindustries.com), [tenger@clemcoindustries.com](mailto:tenger@clemcoindustries.com)

Wetblast FLEX™ is a trademark of Clemco Industries.

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**AIR COMPRESSORS**

ABLE Equipment Rental  
 Abrasives Inc.  
 Air Equipment Rental Corporation  
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 Ammex Machine Tools Phil Inc.  
 Blasting Experts  
 BlastOne International  
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 Canfield & Joseph, Inc.  
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 Absolute Equipment  
 Airblast B.V.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Bullard  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion & Protective Coatings S.A.  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 Gritco Equipment B.V.  
 IDS Blast  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 MST, Inc. (Modern Safety Techniques)  
 N.T. Ruckdoek Co.  
 Naval & Industrial Solutions  
 Norton Sandblasting Equipment  
 Pinnacle Central Co.

**Pirate Brand**

Rapid Prep  
 Rodeco  
 RPB Safety  
 SAFE Systems, Inc.  
 Southern Equipment Distribution, LLC  
 Stone Tucker Instruments Inc.  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 Uni-Royal Pack Co., Ltd.  
 United Western Denver  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

**AIR MONITORING, PERSONAL**

Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion & Protective Coatings S.A.  
 Corrosion Specialties Inc.  
 Elcometer, Inc  
 ESCA Blast  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Naval & Industrial Solutions  
 Norton Sandblasting Equipment  
 Rapid Prep  
 Stone Tucker Instruments Inc.  
 Surface Prep Supply  
 T Tex Industries LP  
 United Western Denver  
 Victory Air & Equipment  
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**AIR MONITORING, PERSONAL, PUMPS AND CALIBRATORS**

Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne International  
 Bullard  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DeHumidification Technologies, LP  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Naval & Industrial Solutions  
 Norton Sandblasting Equipment  
 Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 Rapid Prep  
 Stone Tucker Instruments Inc.  
 Surface Prep Supply  
 T Tex Industries LP  
 United Western Denver  
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**BELTS AND HARNESES**

Abrasives Inc.  
 Absolute Equipment  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne International  
 Bon Tool Co.  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Marco  
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 National Concrete Accessories  
 Naval & Industrial Solutions  
 Pure Safety Group  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
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**COMMUNICATION SETS, ACCESSORIES**

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 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion Specialties Inc.  
 Elcometer, Inc  
 Marco  
 Naval & Industrial Solutions  
 Norton Sandblasting Equipment  
 Rapid Prep  
 Rodeco  
 RPB Safety  
 Surface Prep Supply  
 T Tex Industries LP  
 Thermion  
 TST Sweden AB  
 United Western Denver  
 Victory Air & Equipment  
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**COMPRESSED AIR PURIFIERS**

Argo Environmental, Inc.  
 Abrasive & Equipment of Arizona, Inc.  
 Airblast B.V.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
 Blasting Experts  
 Blastline India Pvt. Ltd.  
 BlastOne International  
 Bullard  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 DryAIR by TDM  
 EnDiSys  
 ESCA Blast

## EQUIPMENT BUYING GUIDE / Safety

Gritco Equipment B.V.  
 IDS Blast  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MIST, Inc. (Modern Safety Techniques)  
 Naval & Industrial Solutions  
 Pinnacle Central Co.  
 Rapid Prep  
 Rodeco  
 Sullivan-Palatek, Inc.  
 Surface Prep Supply  
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 Victory Air & Equipment  
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### EAR PROTECTION

Aargo Environmental, Inc.  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 Absolute Equipment  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Elcometer, Inc.  
 Envirosafe Stripping Inc.  
 IDS Blast  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Metallisation Ltd.  
 National Concrete Accessories  
 Naval & Industrial Solutions  
 The Paint Project, Inc.  
 Pirate Brand  
 Radians, Inc.  
 Rapid Prep  
 Ronco Protective Products  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC

T Tex Industries LP  
 Thermion  
 TST Sweden AB  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

### ELECTRICAL PROTECTION, GROUND FAULT CIRCUIT INTERRUPTERS

Arkco (Thailand) Co., Ltd.  
 CESCO - Aqua Miser  
 Envirosafe Stripping Inc.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Naval & Industrial Solutions  
 SAFE Systems, Inc.  
 Surface Prep Supply  
 The Warehouse Rentals and Supplies

### EYE PROTECTION

Aargo Environmental, Inc.  
 Abrasives Inc.  
 Absolute Equipment  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 BlastOne International  
 Bon Tool Co.  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Elcometer, Inc.  
 Envirosafe Stripping Inc.  
 Flashlights Unlimited  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Metallisation Ltd.  
 National Concrete Accessories  
 Naval & Industrial Solutions  
 NLB Corp.  
 Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 The Paint Project, Inc.  
 Paul N. Gardner Company  
 Pirate Brand  
 PTQ Safety

Radians, Inc.  
 Rapid Prep  
 Ronco Protective Products  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 Thermion  
 Trimaco Inc.  
 TST Sweden AB  
 VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

### FALL ARREST SYSTEMS

Abrasives Inc.  
 Absolute Equipment  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Jon-Don  
 Kee Safety, Inc.  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 National Concrete Accessories  
 Naval & Industrial Solutions  
 Pure Safety Group  
 Spider By BrandSafway  
 Surface Prep Supply  
 T Tex Industries LP  
 The Warehouse Rentals and Supplies

### FOOT PROTECTION

AirTech Spray Systems  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Envirosafe Stripping Inc.  
 Jadalc S.A.C.  
 Jon-Don  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Naval & Industrial Solutions  
 NLB Corp.  
 Ronco Protective Products  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 TST Sweden AB  
 The Warehouse Rentals and Supplies

### HAND PROTECTION

Aargo Environmental, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Blasting Experts  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DuPont Personal Protection  
 Elcometer, Inc  
 Envirosafe Stripping Inc.  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Marco  
 MES - Nationwide Rentals & Supplies

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 Naval & Industrial Solutions  
 NLB Corp.  
 Radians, Inc.  
 Rapid Prep  
 Ronco Protective Products  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 TST Sweden AB  
 United Western Denver  
 VF Specialty Products, LLC (SPI)  
 The Warehouse Rentals and Supplies

**HARD HATS**

Argo Environmental, Inc.  
 Abrasives Inc.  
 Absolute Equipment  
 AirTech Spray Systems  
 Blasting Experts  
 BlastOne International  
 Bullard  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Elcometer, Inc  
 Envirosafe Stripping Inc.  
 IDS Blast  
 Jon-Don  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Metallisation Ltd.  
 N.T. Ruddock Co.  
 Naval & Industrial Solutions  
 Radians, Inc.  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 TST Sweden AB  
 United Western Denver  
 The Warehouse Rentals and Supplies

**HYGIENE FACILITIES, PORTABLE**

Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Eagle Industries  
 Jon-Don  
 Naval & Industrial Solutions  
 Rapid Prep  
 Surface Prep Supply  
 T Tex Industries LP  
 The Warehouse Rentals and Supplies

**NETS**

BrandSafway Services LLC  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Eagle Industries  
 Marco  
 Naval & Industrial Solutions  
 Surface Prep Supply  
 The Warehouse Rentals and Supplies

**PROTECTIVE CLOTHING**

Argo Environmental, Inc.  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Axxiom Manufacturing, Inc.  
 Blast/Coat Systems, Inc.

Blastline India Pvt. Ltd.  
 BlastOne International  
 Bolair Fluid Handling Systems  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 DuPont Personal Protection  
 Elcometer, Inc  
 EnDiSys  
 Envirosafe Stripping Inc.  
 Glenn Saren & Assoc. Inc.  
 Gritco Equipment B.V.  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 N.T. Ruddock Co.  
 National Concrete Accessories  
 Naval & Industrial Solutions  
 NLB Corp.  
 Norton Sandblasting Equipment  
 Oak Ridge Foam and Coating systems/Franklin  
 Consulting Services, LLC  
 The Paint Project, Inc.  
 Pirate Brand  
 Radians, Inc.  
 Rapid Prep

Ronco Protective Products  
 Southern Equipment Distribution, LLC  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 Trimaco Inc.  
 TST Sweden AB  
 United Western Denver  
 VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 VitaFlex USA  
 The Warehouse Rentals and Supplies

**RESPIRATORS, DISPOSABLE DUST MASK**

Argo Environmental, Inc.  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 BlastOne International  
 Bolair Fluid Handling Systems  
 Bon Tool Co.  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 EnDiSys  
 Envirosafe Stripping Inc.  
 Glenn Saren & Assoc. Inc.  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.

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 Email: [sales@modsafe.com](mailto:sales@modsafe.com)

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**EQUIPMENT BUYING GUIDE / Safety**

Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 National Concrete Accessories  
 Naval & Industrial Solutions  
 New England Silica, Inc.  
 Norton Sandblasting Equipment  
 The Paint Project, Inc.  
 Radians, Inc.  
 Rapid Prep  
 Ronco Protective Products

Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 Trimaco Inc.  
 Uni-Royal Pack Co., Ltd.  
 United Western Denver  
 VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 VitaFlex USA  
 The Warehouse Rentals and Supplies

**RESPIRATORS, NEGATIVE AIR, CARTRIDGE-TYPE**

Argo Environmental, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne International  
 Bolair Fluid Handling Systems  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 EnDiSys  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Naval & Industrial Solutions  
 New England Silica, Inc.  
 Novatek Corporation  
 Rapid Prep  
 RPB Safety  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 Uni-Royal Pack Co., Ltd.  
 VF Specialty Products, LLC (SPI)  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

**RESPIRATORS, POWERED AIR PURIFYING, CARTRIDGE-TYPE**

Argo Environmental, Inc.  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Bolair Fluid Handling Systems  
 Bullard  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 EnDiSys  
 ESCA Blast  
 Gritco Equipment B.V.  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 N.T. Ruddock Co.  
 Naval & Industrial Solutions  
 New England Silica, Inc.  
 Norton Sandblasting Equipment  
 Novatek Corporation  
 Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 The Paint Project, Inc.  
 Pirate Brand  
 Rapid Prep  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
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Jennifer Buzzatto  
Business Development Specialist  
412.281.2331 ext 2222  
[buzzatto@sspc.org](mailto:buzzatto@sspc.org)



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## EQUIPMENT BUYING GUIDE / Safety

Uni-Royal Pack Co., Ltd.  
United Western Denver  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

## **RESPIRATORS, TYPE CE, SUPPLIED-AIR. FULL FACE ONLY**

Aargo Environmental, Inc.  
Abrasives Inc.  
Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
Bullard  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
EnDiSys  
Envirosafe Stripping Inc.  
Gritco Equipment B.V.  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Lessoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg  
Marco  
MES - Nationwide Rentals & Supplies  
N.T. Ruddock Co.  
Naval & Industrial Solutions  
New England Silica, Inc.  
Norton Sandblasting Equipment  
Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
The Paint Project, Inc.  
Pirate Brand  
Rapid Prep  
Spray Pump Services, LLC

Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Uni-Royal Pack Co., Ltd.  
VF Specialty Products, LLC (SPI)  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

## **RESPIRATORS, TYPE CE, SUPPLIED-AIR, HOOD/HELMET WITH CAPE**

Aargo Environmental, Inc.  
Abrasive & Equipment of Arizona, Inc.  
Abrasives Inc.



Airblast B.V.  
AirTech Spray Systems  
Ammex Machine Tools Phil Inc.  
Arkco (Thailand) Co., Ltd.  
Axxiom Manufacturing, Inc.  
Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Bolair Fluid Handling Systems  
Bullard  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
Elcometer, Inc  
EnDiSys  
Envirosafe Stripping Inc.  
ESCA Blast

Gritco Equipment B.V.  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Metallisation Ltd.  
N.T. Ruddock Co.  
Naval & Industrial Solutions  
New England Silica, Inc.  
Norton Sandblasting Equipment  
Oak Ridge Foam and Coating systems/Franklin  
Consulting Services, LLC  
Pirate Brand  
Rapid Prep  
Rodeco  
RPB Safety  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Thermion  
Uni-Royal Pack Co., Ltd.  
United Western Denver  
VF Specialty Products, LLC (SPI)  
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## SIGNS

AirTech Spray Systems  
Blastline India Pvt. Ltd.  
BlastOne Australia  
BlastOne International  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Envirosafe Stripping Inc.  
Marco  
Naval & Industrial Solutions  
Southern Equipment Distribution, LLC  
Spray Pump Services, LLC  
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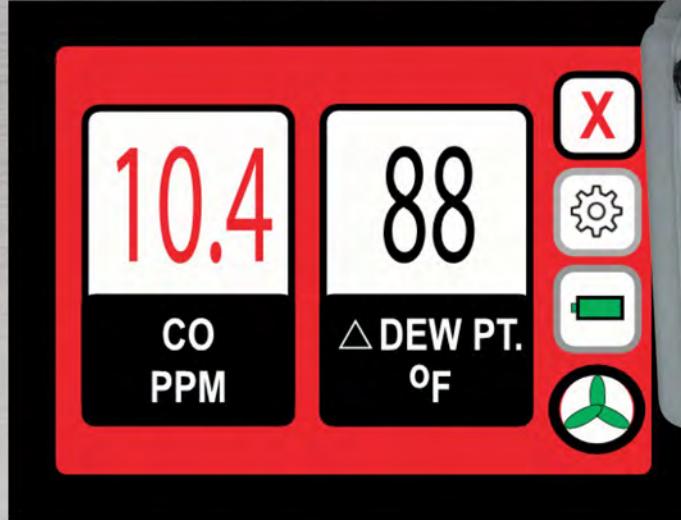
Recorded Sales Total: \$2,373,872.07				Sales Results		New Sales Tracking!	
Account #	Rep	Sale ID	Project Name	Close Date	Status	Entered By	
\$31,850.40	Jacob Lander	9470065	US 11 Construction C-9-A	08/05/2020	These-roof system, busses will need to be pulled.	08/05/2020	
\$31,850.40	Jacob Lander	9712076	US 111 Pending	08/06/2020	Submitted quote for equipment supply.	08/06/2020	
\$11,800.00	Jacob Lander	9712080	Urgent: Elcoast South Valentine Hotel Update (USCA 17000-1)	08/09/2020	Customer reservation system.	08/09/2020	
\$11,800.00	Jacob Lander	9712079	Elcoast Hotel	08/09/2020	Inspection only.	08/09/2020	
\$42,850.87	Jacob Lander	9410128	Individual and Emergency Response Supplier Support and Final Audit: Cleaning Facility at various Locations	08/09/2020	Just pulling quote.	08/09/2020	
\$15,000.00	Richard Mahaney	9202185	Self Storage Rack Cleaning and Painting Project	08/06/2020	This is a second one on this project - test	08/06/2020	
\$100,001.00	Richard Mahaney	9202186	Storage Garage Water Treatment Plant Rehabilitation	01/01/2020	test of old id	01/01/2020	
\$100,000.00	James Lamont	9202180	Over Storage, Rack Cleaning and Painting Project	01/01/2020	Start 3,000 gallons of product to increase. Client bidding on similar project test items, will send quote.	01/01/2020	
\$100,000.00	Bill Day	9710287	Storage Garage Restoration - Construction	01/03/2020		01/03/2020	
\$100,000.00	Adriy Foust	9710211	E-Land Park Assessment/Mobile Acidic C02	01/03/2020	Sold	01/03/2020	
\$100,000.00	Charles Zuckerman	9202085	Welding Services	03/09/2019	Weld Test	03/09/2019	
Project Name				Qualified Projects!			
Sale ID #				Entered Date		Responsible Date	
9514015			Water Treatment - Part 1 Test Sept 17-18/11				
4712020			Ident - 1000000 Apple Pro Storage - Additional				
4710010			2010/2020 Clean SW 1012				
4700111			2.1.2010 Part 1000000 Metric - Award 02/02		NO	01/04/2020	
4710022			1.2.10.0000 Metric - Upgrade 03/11-2014		YES	01/11/2020	
4700242			Other and Prod. costs incl. maintenance and replace part 02/02		YES	01/07/2020	
4801040			Other		NO	02/07/2020	
4811722			Project 1000000 Contracts Ltd for Water - Sewer and Water Treatment Projects, Effective April 1, 2018 to June 30, 2021		YES	02/08/2020	Jacob Lander
4800251			Capital Water and Sewer Co. (CWS) - Missouri Ridge Cleaning and Painting		YES	02/05/2020	Jacob Lander
4801075			1.2.10.0000 Upgrade to 1012		YES	02/05/2020	Richard Mahaney
8100777			2010/2020 Project 1000000 and 1010/2020/1010/2020		NO	11/06/2019	Jake Blotz



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# CHOOSING THE RIGHT ABRASIVE AMID CHANGING INDUSTRY DEMANDS

BY JEFF FERCHEN, NACE CERTIFIED INSPECTOR LEVEL 1, STRATEGIC MATERIALS

For more than four decades, the surface preparation industry has been diligently looking for alternatives to silica sand as an abrasive blast media. As the Occupational Health & Safety Administration (OSHA) finalized new exposure rules to protect abrasive blasting workers from silicosis, many other existing abrasive products emerged as market leaders. In addition, new products were brought to market to address the demand once met by silica sand.

The U.S. Department of Labor's Occupational Safety and Health Administration (OSHA) has finalized new beryllium standards for general industry, construction and shipyards, similar to those for silica sand. As a result, the industry is, once again, seeking alternatives, taking into consideration **three key factors**:

## 1 How much does the product cost?

Cost is one of the main concerns when evaluating a new abrasive, but it isn't just about price per ton. When making the jump from one abrasive to another, differences in production and profile can also affect the bottom line. For example: What is the cleaning rate (cost per square foot)? How well does the new abrasive perform, compared with the old? Finding a competitively priced abrasive without sacrificing reliability and performance can be challenging.

## 2 Is the product safe for my employees to use?

Abrasive blasting can be a dirty, gritty job, but that doesn't mean it has to be hazardous. Identifying the safest, quality blasting product is critical to workers' health. Personal protective equipment (PPE) is recommended by OSHA for all abrasive blasting, but in addition, many contractors are further mitigating risk by selecting an abrasive that is low-dusting, low-free silica and does not have Beryllium listed on its SDS.

## 3 How conveniently can I purchase the product?

The last factor to consider is abrasive product availability. Can it be delivered quickly? Order fulfillment can make or break a project. Many blasters make do with a substitute product if their first choice isn't available when needed,

sometimes sacrificing cost efficiency or worker safety. Identifying an abrasive distributor or manufacturer that has product readily available helps make the choice easy for blasters.

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Our customers see first-hand the benefits of using crushed-glass abrasives. They meet each of the three key considerations, and the company's TruAbrasives products have demonstrated impressive performance. Our customer typically uses the coarse crushed-glass abrasive to achieve an SP5 on some of the hardest coatings and linings in the industry, as well as to remove mill-scale and heavy rust. Our finer grades can be used in vapor blast applications on sensitive historic artifacts and landmarks — all with great success.

The industry is changing — and abrasive choices are evolving, too. Will you be ahead of the curve?

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**ABRASIVE ADDITIVES, DUST SUPPRESSANTS**

Aargo Environmental, Inc.  
 Abrasives Inc.  
 AirTech Spray Systems  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
 Bellemare Abrasives& Minerals (SDF Abrasives, Inc.)  
 Blast/Coat Systems, Inc.  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DeLong Equipment  
 Ensio Resources, Inc.  
 Envirosafe Stripping Inc.  
 Flat Rock Bagging  
 Graco Inc.  
 Harsco Minerals  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Marco  
 N.T. Ruddock Co.  
 Porter Warner Industries  
 Rodeco  
 Surface Prep Supply  
 T Tex Industries LP  
 TCR Blast Abrasives  
 Techni-Quip Inc.  
 US Minerals  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

**ABRASIVE ADDITIVES, OTHER**

Abrasives Inc.  
 AirTech Spray Systems  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
 Bellemare Abrasives& Minerals (SDF Abrasives, Inc.)  
 Blast/Coat Systems, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DeLong Equipment  
 Ensio Resources, Inc.  
 ESCA Blast  
 Flat Rock Bagging  
 Harsco Minerals  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Marco  
 The Paint Project, Inc.  
 Rodeco  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 US Minerals  
 Victory Air & Equipment  
 Vulkan Blast Shot Technology  
 The Warehouse Rentals and Supplies

**ABRASIVE RECOVERY/RECYCLING SYSTEMS**

Aargo Environmental, Inc.  
 Abrasiflex Pty Ltd  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasive Warehouse & Equipment  
 Abrasives Inc.  
 ABS Blast  
 Airblast AFC

**Airblast B.V.**

AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 ARS Recycling Systems  
 Ascon-Blast  
 Atlantic Design Inc.  
 Axiom Manufacturing, Inc.  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 Blastline India Pvt. Ltd.  
 Blastman Robotics Ltd.  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion Specialties Inc.  
 DeLong Equipment  
 Dickson Industries, Inc.  
 Eagle Industrial Equipment, Inc.  
 Envirosafe Stripping Inc.  
 Friess Equipment, Inc.  
 IBIX North America, Surface Tech. LLC  
 IDS Blast  
 In-Spec Corporation Pte Ltd  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 N.T. Ruddock Co.  
 Norton Sandblasting Equipment  
 Opti-Blast  
 Pinnacle Central Co.  
 Rapid Prep  
 RBW Enterprises, Inc.  
 Rodeco  
 SAFE Systems, Inc.  
 Southern Equipment Distribution, LLC  
 Specialty Vacuum Inc.  
 Sponge-Jet, Inc.  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 Unified Technologies  
 Uni-Ram Corporation  
 United Western Denver  
 Vector Technologies Ltd.  
 Victory Air & Equipment  
 W Abrasives  
 Walter S Pratt & Sons Inc.  
 The Warehouse Rentals and Supplies

**ABRASIVE, ALUMINUM OXIDE**

Aargo Environmental, Inc.  
 Abrasiflex Pty Ltd  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasive Warehouse & Equipment  
 Abrasives Inc.  
 Accumet Materials Co.  
 Airblast B.V.  
 AirTech Spray Systems  
 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 Atlantic Design Inc.  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.

**Bellemare Abrasives& Minerals (SDF Abrasives, Inc.)**

Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 DeLong Equipment  
 Desco Mfg. Co., Inc.  
 Eagle Industrial Equipment, Inc.  
 Friess Equipment, Inc.  
 Glenn Saren & Assoc. Inc.  
 IDS Blast  
 In-Spec Corporation Pte Ltd  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Mineral Manufacturing Corp  
 N.T. Ruddock Co.  
 New England Silica, Inc.  
 Norton Sandblasting Equipment  
 Novatek Corporation  
 Opti-Blast  
 Pellets, LLC  
 Pinnacle Central Co.  
 Porter Warner Industries  
 Rodeco  
 Saint Gobain Specialty Grains & Powders  
 Scangrit  
 SIBELCO  
 Southern Equipment Distribution, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 United Western Denver  
 US Minerals  
 Victory Air & Equipment  
 Vulkan Blast Shot Technology  
 The Warehouse Rentals and Supplies

**ABRASIVE, CO<sub>2</sub> PELLETS**

AirTech Spray Systems  
 Blasting Experts  
 Corrosion Specialties Inc.  
 ESCA Blast  
 Friess Equipment, Inc.  
 Jadalc S.A.C.  
 Norton Sandblasting Equipment  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC

**ABRASIVE, COAL SLAG**

Abrasive & Equipment of Arizona, Inc.  
 Abrasive Warehouse & Equipment

# TIPS FOR CHOOSING SURFACE PREP MEDIA AND EQUIPMENT

**W**hen it comes to surface preparation projects, time is money. Don't waste it on products that are inferior or incorrect for the job. Here are a few tips for selecting the products that will perform best and most cost-effectively for any given project.

"First, be sure you're working with a supplier that makes every effort to understand your needs," said Russell Raad, President of Abrasives Inc. "Our staff has been in the customers' shoes and understands the importance of an excellent outcome. We listen to what the demands of the job are, then we team up with the customer to find the right combination of equipment, blast media and coatings for the project."

**Course 8-20:**  
Heavy coatings  
Epoxy Linings

**Medium 16-40:**  
Heavy mill scale  
Heavy rust  
Medium coatings

**Medium Fine 20-40:**  
Mill scale  
Rust  
Coatings

**Fine 30-60:**  
Mill scale  
Light coatings

**Extra Fine 40-60:**  
Light rust  
Light coatings

**BLACK MAGIC**

**Want the best coating results?**

**Slag size matters.**

**Black Magic® Coal Slag.**  
Different size grits give a different end result. For coatings to adhere correctly, tell us about what mil you need to get and we will recommend the best size for your project. We want the job done right, just like you.

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[sales@AbrasivesInc.com](mailto:sales@AbrasivesInc.com)

## RELY ON YOUR SUPPLIER

The supplier might take time to review the job specifications, discuss the media options — from garnet to glass to coal slag — and help you determine which will yield the best results. They might address environmental and containment issues that call for specific equipment — such as monitors, hoods, hoses, accessories or safety gear — to meet requirements.

"For example," said Raad, "if the project is in a heavy-use area and must meet stringent dust-control standards as well as tight time constraints, we may recommend our Black Magic coal slag, an especially hard abrasive that cleans fast and produces less dust than other slag."

## STAY CURRENT

The blaster's health is also of utmost importance, so always keep up to date with industry safety standards and updated equipment. Your salesperson can be a wealth of knowledge about new products coming out on the market and how they work best in a variety of situations.

## LEARN FROM HISTORY

Ask how the selected abrasive and equipment have been used and tested in the desired environment as well as if any issues have been noted.

**See a video for more information:**  
[bit.ly/abrasives\\_video](https://bit.ly/abrasives_video)

Black Magic® is a registered trademark of Abrasives Inc.

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**Abrasives Inc.**



Airblast B.V.  
AirTech Spray Systems  
Bell & MacKenzie, A Business of Marco Blast &  
    Abrasives Canada Inc.  
Blasting Experts  
Blastline India Pvt. Ltd.  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DeLong Equipment  
Ensio Resources, Inc.  
Flat Rock Bagging  
Harsco Minerals  
IDS Blast  
Jadalc S.A.C.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
New England Silica, Inc.  
Norton Sandblasting Equipment  
Opti-Blast  
Pellets, LLC  
Pinnacle Central Co.  
Porter Warner Industries  
Rapid Prep  
Rodeco  
Scangrit  
SIBELCO  
Spray Pump Services, LLC  
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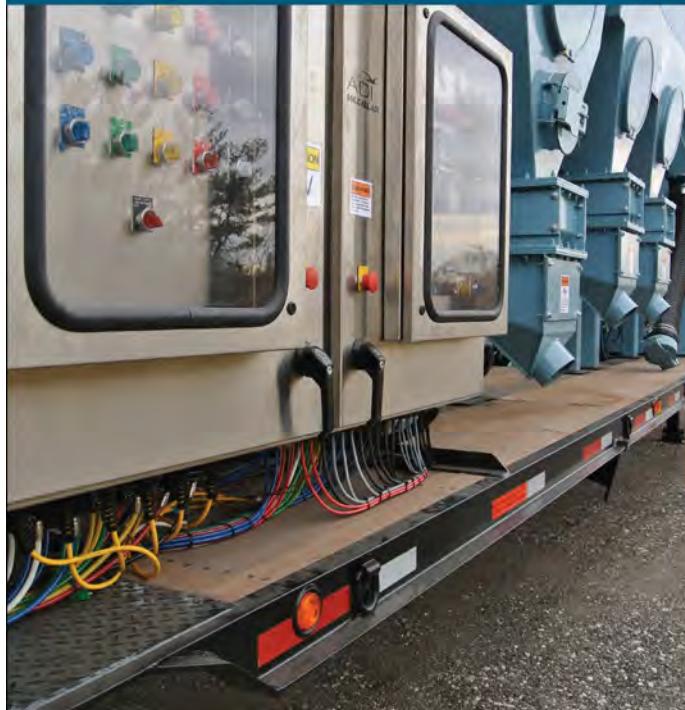
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Sponge-Jet, Inc.  
Surface Prep Supply  
Surface Preparation-Texas, LLC

**BLAST MACHINES/POTS**

Aargo Environmental, Inc.  
Abrasiflex Pty Ltd  
Abrasive & Equipment of Arizona, Inc.  
Abrasive Warehouse & Equipment  
Abrasives Inc.  
ABS Blast  
Absolute Equipment  
Airblast B.V.  
AirTech Spray Systems  
Ammex Machine Tools Phil Inc.  
Arkco (Thailand) Co., Ltd.  
ARS Recycling Systems  
Ascon-Blast  
Atlantic Design Inc.  
Axiom Manufacturing, Inc.  
Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
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 Clearblast  
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 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 DeLong Equipment  
 Dickson Industries, Inc.  
 Eagle Industrial Equipment, Inc.  
 Elcometer (Asia) Pte Ltd  
 Elcometer, Inc  
 Envirosafe Stripping Inc.  
 ESCA Blast  
 Friess Equipment, Inc.  
 Goff Inc.  
 Greener Blast Technologies, Inc.  
 Gritco Equipment B.V.  
 HoverTrowel, Inc.  
 IBIX North America, Surface Tech. LLC  
 IDS Blast  
 In-Spec Corporation Pte Ltd  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 N.T. Ruddock Co.

New England Silica, Inc.  
 Norton Sandblasting Equipment  
 Pangborn  
 Pellets, LLC  
 Pinnacle Central Co.  
 Pirate Brand  
 Rapid Prep  
 RBW Enterprises, Inc.  
 Rodeco  
 SAFE Systems, Inc.  
 Southern Equipment Distribution, LLC  
 Spin Import Export  
 Sponge-Jet, Inc.  
 Spray Pump Services, LLC  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 Techni-Quip Inc.  
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 Absolute Equipment  
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 APEX Waterjetting Global  
 Arkco (Thailand) Co., Ltd.  
 Ascon-Blast  
 Atlantic Design Inc.  
 Axiom Manufacturing, Inc.  
 Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 Blastline India Pvt. Ltd.  
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Elcometer, Inc  
EnDiSys  
Envirosafe Stripping Inc.  
ESCA Blast  
Everblast Inc.  
Friess Equipment, Inc.  
Graco Inc.  
Gritco Equipment B.V.  
IBIX North America, Surface Tech. LLC  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Kennametal Inc.  
Lesoon Equipment Pte. Ltd.  
LS Industries, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
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N.T. Ruddock Co.  
New England Silica, Inc.  
NLB Corp.  
Norton Sandblasting Equipment  
Pangborn  
Pellets, LLC

Pinnacle Central Co.  
Pirate Brand  
Rapid Prep  
RBW Enterprises, Inc.  
Rodeco  
SAFE Systems, Inc.  
Southern Equipment Distribution, LLC  
Spin Import Export  
Sponge-Jet, Inc.  
Spray Pump Services, LLC  
Super Titan Company  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives  
Techni-Quip Inc.  
Unified Technologies  
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Airblast AFC

Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Atlantic Design Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
Blastman Robotics Ltd.  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DeHumidification Technologies, LP  
DeLong Equipment  
Eagle Industrial Equipment, Inc.  
Envirosafe Stripping Inc.  
Friess Equipment, Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
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Ammex Machine Tools Phil Inc.  
Arkco (Thailand) Co., Ltd.  
Ascon-Blast  
Barton International



Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
Blastman Robotics Ltd.  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DeLong Equipment  
Eagle Industrial Equipment, Inc.  
Elcometer (Asia) Pte Ltd  
ESCA Blast  
Friess Equipment, Inc.  
Goff Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
LS Industries, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
N.T. Rudder Co.  
New England Silica, Inc.  
Norton Sandblasting Equipment  
Opti-Blast  
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Pinnacle Central Co.  
Pirate Brand  
RBW Enterprises, Inc.  
Rodeco  
SAFE Systems, Inc.  
Southern Equipment Distribution, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
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TCR Blast Abrasives  
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Unified Technologies  
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EnDiSys  
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Jon-Don  
Kraft Tool Co.

**Marco**

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Envirosafe Stripping Inc.  
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## COMPRESSED AIR DRYERS

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Abrasives Inc.  
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Absolute Equipment  
Air Equipment Rental Corporation  
Airblast B.V.  
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Arkco (Thailand) Co., Ltd.  
ARS Recycling Systems  
Ascon-Blast  
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Blasting Experts  
BlastOne International  
Bolair Fluid Handling Systems  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
DryAIR by TDM  
Eagle Industrial Equipment, Inc.  
Elcometer (Asia) Pte Ltd  
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ESCA Blast  
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## IBIX North America, Surface Tech. LLC

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Pinnacle Central Co.  
Pirate Brand  
Rapid Prep  
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AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
ARS Recycling Systems  
Ascon-Blast  
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Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
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Corrosion Specialties Inc.  
DeLong Equipment

## DryAIR by TDM

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Elcometer (Asia) Pte Ltd  
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Gritco Equipment B.V.  
HoverTrowel, Inc.  
IBIX North America, Surface Tech. LLC  
IDS Blast  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
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Pinnacle Central Co.  
Rapid Prep  
Rodeco  
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Spin Import Export  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Trask-Decrow Machinery, Inc.  
United Western Denver  
Van Air Systems  
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## DRUMS

Aargo Environmental, Inc.  
AirTech Spray Systems  
Blasting Experts  
CESCO - Aqua Miser  
Chesapeake Specialty Products  
Corrosion Specialties Inc.  
DeLong Equipment  
Desco Mfg. Co., Inc.  
IDS Blast  
Jadalc S.A.C.  
Julbert, Inc.  
LS Industries, Inc.  
Marco  
Opti-Blast  
Pro-Tect Services, Inc.  
Southern Equipment Distribution, LLC  
Surface Prep Supply  
T Tex Industries LP  
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## FLOOR FINISHING TOOLS

Aargo Environmental, Inc.  
Abrasive & Equipment of Arizona, Inc.  
Absolute Equipment  
AirTech Spray Systems  
BlastOne International  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Dickson Industries, Inc.  
Draygon Enterprises, Inc.  
EDCO - Equipment Development Co. Inc.  
General Equipment Company  
Jadalc S.A.C.  
Jon-Don  
Kraft Tool Co.  
LS Industries, Inc.  
Marco  
National Concrete Accessories  
Smith Surface-Prep Solutions

Surface Prep Supply  
 Trelawny SPT Ltd  
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**FLOOR SANDERS, EDGERS**

Aargo Environmental, Inc.  
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 Corrosion Specialties Inc.  
 Desco Mfg. Co., Inc.  
 Draygon Enterprises, Inc.  
 Jadalc S.A.C.  
 Jon-Don  
 LS Industries, Inc.  
 Marco  
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 Absolute Equipment  
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 AirTech Spray Systems  
 Blasting Experts  
 BlueGreen Technologies LLC  
 Canfield & Joseph, Inc  
 Central Texas Equipment  
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 Corrosion Specialties Inc.

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Desco Mfg. Co., Inc.  
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 National Concrete Accessories  
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 Smith Surface-Prep Solutions  
 Surface Prep Supply  
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**HAND TOOLS (WIRE BRUSHES, SCRAPERS, CHISELS)**

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 Absolute Equipment  
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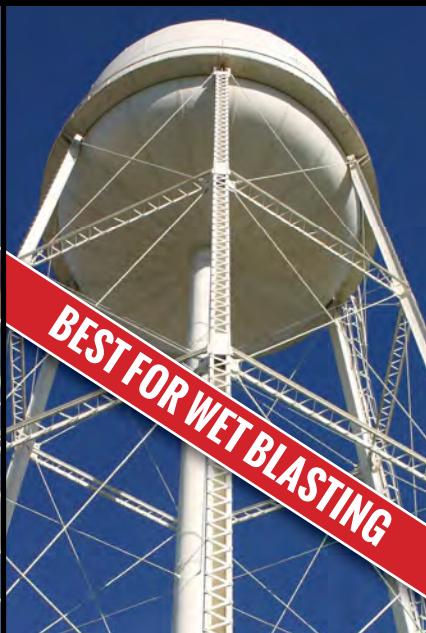
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BlastOne International  
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Corrosion Specialties Inc.  
Jadalc S.A.C.  
Jon-Don  
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T Tex Industries LP  
TCR Blast Abrasives  
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Jadalc S.A.C.  
Marco  
MES - Nationwide Rentals & Supplies  
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Surface Prep Supply  
Titan Tool

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Abrasive & Equipment of Arizona, Inc.

Rodeco  
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Southern Equipment Distribution, LLC  
Sponge-Jet, Inc.  
Spray Pump Services, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives  
Techni-Quip Inc.  
Titan Tool  
United Western Denver  
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VF Specialty Products, LLC (SPI)  
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**OIL AND WATER SEPARATORS**

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Absolute Equipment  
Airblast B.V.  
AirTech Spray Systems  
Ammex Machine Tools Phil Inc.  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Draygon Enterprises, Inc.  
DryAIR by TDM  
Eagle Industrial Equipment, Inc.  
Elcometer (Asia) Pte Ltd  
EnDiSys  
Gritco Equipment B.V.  
IBIX North America, Surface Tech. LLC  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.

Marco  
Mi-T-M Corporation  
Pinnacle Central Co.  
Pirate Brand  
Rapid Prep  
Rodeco  
Southern Equipment Distribution, LLC  
Spin Import Export  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
Techni-Quip Inc.  
Trask-Decrow Machinery, Inc.  
United Western Denver  
Van Air Systems  
Victory Air & Equipment  
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Solvent Kleene, Inc.  
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CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Draygon Enterprises, Inc.  
Franmar  
Glenn Saren & Assoc. Inc.  
Jadalc S.A.C.  
Jon-Don  
MES - Nationwide Rentals & Supplies  
National Concrete Accessories  
Solvent Kleene, Inc.  
Southern Industrial Supply, Inc.  
Sunnyside Corporation/Back To Nature Products  
Surface Prep Supply  
TCR Blast Abrasives  
Victory Air & Equipment  
The Warehouse Rentals and Supplies

**PATCHING MATERIALS**

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Corrosion Specialties Inc.  
Draygon Enterprises, Inc.  
H.F. Staples & Co., Inc.  
IBIX North America, Surface Tech. LLC  
Jadalc S.A.C.  
Jon-Don  
National Concrete Accessories  
Southern Industrial Supply, Inc.  
Surface Prep Supply  
Tower Sealants / M-D Building  
VF Specialty Products, LLC (SPI)

**PIPE, CLEANING EQUIPMENT**

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Abrasive & Equipment of Arizona, Inc.  
Abrasive Warehouse & Equipment  
Abrasives Inc.  
Airblast B.V.  
AirTech Spray Systems  
Arkco (Thailand) Co., Ltd.  
Ascon-Blast  
Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne International  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
DeLong Equipment  
Desco Mfg. Co., Inc.  
Eagle Industrial Equipment, Inc.  
Friess Equipment, Inc.  
Goff Inc.  
Hammelmann Corp.  
Hammelmann Corporation  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
LS Industries, Inc.

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Pirate Brand

RBW Enterprises, Inc.



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Sponge-Jet, Inc.  
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Techni-Quip Inc.  
Unified Technologies  
United Western Denver  
URACA GmbH & Co. KG  
Victory Air & Equipment  
The Warehouse Rentals and Supplies  
Westech  
Wheelabrator

#### POLISHING MACHINES

Abrasiflex Pty Ltd  
Ammex Machine Tools Phil Inc.  
Corrosion Specialties Inc.  
DeLong Equipment  
Dickson Industries, Inc.  
Draygon Enterprises, Inc.  
Floorex Products  
Jadalc S.A.C.  
Jon-Don  
Marco  
Surface Prep Supply  
Trelawny SPT Ltd

#### POLISHING PADS AND TOOLING

Abrasiflex Pty Ltd  
Ammex Machine Tools Phil Inc.  
Corrosion Specialties Inc.  
Draygon Enterprises, Inc.  
Floorex Products  
Jadalc S.A.C.  
Jon-Don  
Marco  
MES - Nationwide Rentals & Supplies  
Surface Prep Supply  
Trelawny SPT Ltd

#### POWER TOOLS, CLEANING MEDIA

Aargo Environmental, Inc.  
Abrasives & Equipment of Arizona, Inc.  
Abrasives Inc.  
AirTech Spray Systems  
Ammex Machine Tools Phil Inc.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
DeLong Equipment  
Desco Mfg. Co., Inc.  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Marco  
MES - Nationwide Rentals & Supplies  
Montipower, Inc.  
Norton Sandblasting Equipment  
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- ATEX approval for use in Zone 1



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 Airtec Ltd.  
 AirTech Spray Systems  
 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 CS Unitec, Inc.  
 DeLong Equipment  
 Desco Mfg. Co., Inc.  
 Eagle Industrial Equipment, Inc.  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Montipower, Inc.  
 National Concrete Accessories  
 Norton Sandblasting Equipment  
**Novatek Corporation**

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 Trelawny SPT Ltd  
 United Western Denver  
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**POWER TOOLS, GRINDERS**

Aargo Environmental, Inc.  
 Abrasives Inc.  
 Absolute Equipment  
 Airtec Ltd.  
 AirTech Spray Systems  
 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 CS Unitec, Inc.  
 Dawson-Macdonald Company  
 DeLong Equipment  
 Desco Mfg. Co., Inc.  
 Dickson Industries, Inc.  
 Draygon Enterprises, Inc.  
 Eagle Industrial Equipment, Inc.  
 EDCO - Equipment Development Co. Inc.  
 Floorex Products  
 General Equipment Company

HoverTrowel, Inc.

IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
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 National Concrete Accessories  
 Norton Sandblasting Equipment  
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 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TFT Pneumatic, LLC  
 Trelawny SPT Ltd  
 United Western Denver  
 Victory Air & Equipment  
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**POWER TOOLS, NEEDLE GUNS**

Aargo Environmental, Inc.



Absolute Equipment  
 Airtec Ltd.  
 AirTech Spray Systems  
 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 CS Unitec, Inc.  
 Dawson-Macdonald Company  
 Desco Mfg. Co., Inc.



Eagle Industrial Equipment, Inc.  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Montipower, Inc.  
 National Concrete Accessories  
 Norton Sandblasting Equipment

Novatek Corporation



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 Spin Import Export  
 Stone Tucker Instruments Inc.  
 Surface Prep Supply  
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 TFT Pneumatic, LLC  
 Trelawny SPT Ltd  
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**POWER TOOLS, ROTARY HAMMERS**

Aargo Environmental, Inc.  
 Absolute Equipment  
 Airtec Ltd.  
 AirTech Spray Systems  
 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 CS Unitec, Inc.  
 Desco Mfg. Co., Inc.  
 IDS Blast  
 Jadalc S.A.C.  
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 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
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 Pinnacle Central Co.  
 Rapid Prep  
 Surface Prep Supply  
 T Tex Industries LP  
 TFT Pneumatic, LLC  
 Trelawny SPT Ltd  
 United Western Denver  
 Victory Air & Equipment  
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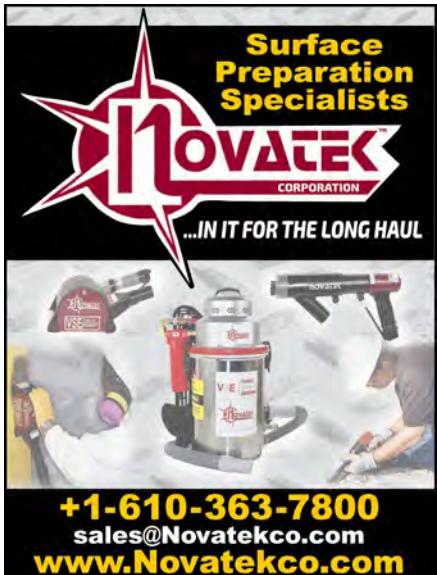
**POWER TOOLS, ROTARY PEENING EQUIPMENT**

Aargo Environmental, Inc.  
 Abrasive Warehouse & Equipment  
 Absolute Equipment  
 AirTech Spray Systems  
 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 CS Unitec, Inc.  
 Dawson-Macdonald Company  
 DeLong Equipment

Desco Mfg. Co., Inc.



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Jon-Don  
LS Industries, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
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Novatek Corporation



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Trelawny SPT Ltd  
Victory Air & Equipment  
Walter S Pratt & Sons Inc.  
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#### POWER TOOLS, SCARIFIERS

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AirTech Spray Systems  
Ammex Machine Tools Phil Inc.  
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Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Central Texas Equipment  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
CS Unitec, Inc.  
Desco Mfg. Co., Inc.  
Desmond Mfg. Co.

Dickson Industries, Inc.  
Draygon Enterprises, Inc.  
EDCO - Equipment Development Co. Inc.  
Floorex Products  
General Equipment Company  
HoverTrowel, Inc.  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
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Norton Sandblasting Equipment  
**Novatek Corporation**  
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Surface Prep Supply  
T Tex Industries LP  
TFT Pneumatic, LLC  
Trelawny SPT Ltd  
United Western Denver  
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#### POWER TOOLS, WIRE BRUSHES



Abrasives Inc.  
Absolute Equipment  
AirTech Spray Systems  
Ammex Machine Tools Phil Inc.  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Desco Mfg. Co., Inc.  
Jadalc S.A.C.  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
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T Tex Industries LP

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#### PRESSURE WASHERS

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Blasting Experts  
BlastOne Australia  
Central Texas Equipment  
CESCO - Aqua Miser  
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NLB Corp.  
The Paint Project, Inc.  
Pinnacle Central Co.  
Rapid Prep  
Spray Pump Services, LLC  
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Unimanix  
VLN Advanced Technologies Inc.  
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#### PUMPS, WATER BLASTING

Aargo Environmental, Inc.  
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AirTech Spray Systems  
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Ammex Machine Tools Phil Inc.  
APEX Waterjetting Global  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne Australia  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Eagle Industrial Equipment, Inc.  
FS Solutions  
Hammelmann Corp.  
Jadalc S.A.C.  
Jon-Don  
Lesoon Equipment Pte. Ltd.  
Marco  
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Surface Prep Supply  
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United Western Denver  
URACA GmbH & Co. KG  
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Abrasive Warehouse & Equipment  
ABS Blast  
Airblast B.V.  
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*FasterBlaster*



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BlastOne Australia  
BlastOne International  
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Corrosion Specialties Inc.  
Dawson-Macdonald Company  
Friess Equipment, Inc.  
Hammelmann Corp.  
ICM - International Climbing Machines  
IDS Blast  
Jadalc S.A.C.  
LS Industries, Inc.  
Marco  
Norton Sandblasting Equipment  
Pellets, LLC  
RBW Enterprises, Inc.  
Remote Orbital Installations, LLC  
Sponge-Jet, Inc.  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
TCR Blast Abrasives

**ROBOTIC BLASTING SYSTEMS, WATER**  
Abrasive & Equipment of Arizona, Inc.  
APEX Waterjetting Global  
Blasting Experts  
BlastOne Australia  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
Hammelmann Corp.  
ICM - International Climbing Machines  
Jadalc S.A.C.  
NLB Corp.  
Surface Prep Supply  
T Tex Industries LP  
VLN Advanced Technologies Inc.

**RUST INHIBITORS**

Abrasive & Equipment of Arizona, Inc.  
Abrasives Inc.  
Arkco (Thailand) Co., Ltd.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
BlueGreen Technologies LLC  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
CHLOR RID International Inc.



Corrosion Specialties Inc.  
DeLong Equipment  
ESCA Blast  
Glenn Saren & Assoc. Inc.  
GLOBAL Encasement, Inc.  
HoldTight Solutions  
IBIX North America, Surface Tech. LLC  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Marco  
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Porter Warner Industries  
Pro-Tect Services, Inc.  
Rapid Prep  
Rodeco  
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**SALT REMOVAL CHEMICALS**

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BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
CHLOR RID International Inc.



Corrosion Specialties Inc.  
HoldTight Solutions  
IDS Blast  
Jadalc S.A.C.  
Jon-Don  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Norton Sandblasting Equipment  
Pinnacle Central Co.  
Porter Warner Industries  
Rapid Prep  
Stone Tucker Instruments Inc.  
Surface Prep Supply  
T Tex Industries LP  
TCR Blast Abrasives  
United Western Denver  
VF Specialty Products, LLC (SPI)  
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## SCARIFIERS, CONVENTIONAL

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 CS Unitec, Inc.  
 Desco Mfg. Co., Inc.



Desmond Mfg. Co.  
 Dickson Industries, Inc.  
 Draygon Enterprises, Inc.  
 Floorex Products  
 General Equipment Company  
 HoverTrowel, Inc.  
 Jadalc S.A.C.  
 Jon-Don  
 Marco  
 Novatek Corporation  
 Pinnacle Central Co.  
 Rapid Prep  
 Smith Surface-Prep Solutions  
 Surface Prep Supply  
 T Tex Industries LP  
 Trelawny SPT Ltd  
 Walter S Pratt & Sons Inc.  
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## SCREENS, ABRASIVE SEPARATING

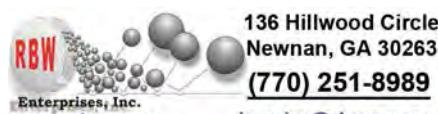
Abrasive & Equipment of Arizona, Inc.  
 Abrasive Warehouse & Equipment  
 Airblast B.V.  
 AirTech Spray Systems  
 Arkco (Thailand) Co., Ltd.  
 Atlantic Design Inc.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 Ervin Industries, Inc.  
 IDS Blast  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Marco  
 N.T. Ruddock Co.

## Norton Sandblasting Equipment

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 Stone Tucker Instruments Inc.  
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 TCR Blast Abrasives  
 TST Sweden AB  
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## SHOT BLAST MACHINES, PORTABLE, HORIZONTAL

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 Abrasives Inc.  
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 Ammex Machine Tools Phil Inc.  
 Arkco (Thailand) Co., Ltd.  
 ARS Recycling Systems  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 DeLong Equipment  
 Dickson Industries, Inc.  
 Elcometer (Asia) Pte Ltd  
 Floorex Products  
 Goff Inc.  
 In-Spec Corporation Pte Ltd  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
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 Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC  
 Pellets, LLC  
 Pinnacle Central Co.  
**RBW Enterprises, Inc.**



## Surface Prep Supply

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 Unified Technologies  
 United Western Denver  
 Victory Air & Equipment  
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## SHOT BLAST MACHINES, PORTABLE, VERTICAL

Abrasiflex Pty Ltd  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasive Warehouse & Equipment  
 Abrasives Inc.  
 Airblast B.V.  
 Ammex Machine Tools Phil Inc.

## Arkco (Thailand) Co., Ltd.

ARS Recycling Systems  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DeLong Equipment  
 Elcometer (Asia) Pte Ltd  
 Floorex Products  
 HoverTrowel, Inc.  
 In-Spec Corporation Pte Ltd  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 MES - Nationwide Rentals & Supplies  
 N.T. Ruddock Co.  
 Pellets, LLC  
 Pinnacle Central Co.  
 RBW Enterprises, Inc.

136 Hillwood Circle  
 Newnan, GA 30263

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[inquiry@rbwe.com](mailto:inquiry@rbwe.com)

**Faster Blaster**

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 Unified Technologies  
 United Western Denver  
 Victory Air & Equipment  
 Walter S Pratt & Sons Inc.  
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 Wheelabrator

## STEAM CLEANERS

Absolute Equipment  
 Airtec Ltd.  
 Central Texas Equipment  
 CESCO - Aqua Miser  
 IBIX North America, Surface Tech, LLC  
 Jadalc S.A.C.  
 Jenny Products, Inc.  
 Jon-Don  
 Michigan Power Cleaning  
 Rapid Prep  
 Surface Prep Supply  
 The Paint Project, Inc.  
 Unimanix  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

## VACUUM BLAST SYSTEMS

Aargo Environmental, Inc.  
 Abrasiflex Pty Ltd  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasive Warehouse & Equipment  
 Abrasives Inc.  
 Airblast B.V.  
 Arkco (Thailand) Co., Ltd.  
 ARS Recycling Systems  
 Atlantic Design Inc.  
 Axiom Manufacturing, Inc.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International

Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DeLong Equipment  
Eagle Industrial Equipment, Inc.  
Friess Equipment, Inc.  
Gritco Equipment B.V.  
HoverTrowel, Inc.  
IDS Blast  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
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Norton Sandblasting Equipment  
Novatek Corporation  
Pinnacle Central Co.  
Pirate Brand  
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Rodeco  
Specialty Vacuum Inc.  
Sponge-Jet, Inc.  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
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United Western Denver  
Vector Technologies Ltd.

Victory Air & Equipment  
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**VACUUM EQUIPMENT**  
Argo Environmental, Inc.



Abrasiflex Pty Ltd  
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Airblast B.V.  
Airtec Ltd.  
APEX Waterjetting Global  
Arkco (Thailand) Co., Ltd.  
ARS Recycling Systems  
Atlantic Design Inc.  
Axxiom Manufacturing, Inc.  
Blast/Coat Systems, Inc.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Clemco Industries Corp.  
Corrosion Specialties Inc.

CS Unitec, Inc.  
Dawson-Macdonald Company  
DeLong Equipment  
Desco Mfg. Co., Inc.



Dickson Industries, Inc.  
Draygon Enterprises, Inc.  
Eagle Industrial Equipment, Inc.  
EDCO - Equipment Development Co. Inc.  
Florex Products  
GapVax Inc.  
Gritco Equipment B.V.  
Guzzler Manufacturing  
HoverTrowel, Inc.  
IBIX North America, Surface Tech. LLC  
IDS Blast  
Industrial Vacuum Equipment Corp.  
Jadalc S.A.C.  
Jon-Don  
Julbert, Inc.  
Lesoon Equipment Pte. Ltd.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
MES - Nationwide Rentals & Supplies  
Mi-T-M Corporation  
N.T. Ruddock Co.  
NLB Corp.  
Norton Sandblasting Equipment  
Novatek Corporation



Pinnacle Central Co.  
Pro-Tect Services, Inc.  
Rapid Prep  
Rodeco  
SAFE Systems, Inc.  
Smith Surface-Prep Solutions  
Southern Equipment Distribution, LLC  
Specialty Vacuum Inc.  
Sponge-Jet, Inc.  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Trelawny SPT Ltd  
Uni-Ram Corporation  
United Western Denver  
Vector Technologies Ltd.  
Victory Air & Equipment  
Walter S Pratt & Sons Inc.



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Westech

**VALVES**

Aargo Environmental, Inc.  
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 Abrasive Warehouse & Equipment  
 Abrasives Inc.  
 Arkco (Thailand) Co., Ltd.  
 Ascon-Blast  
 Atlantic Design Inc.  
 Axiom Manufacturing, Inc.  
 Bedford Precision Products  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clemco Industries Corp.  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 Eagle Industrial Equipment, Inc.  
 Elcometer, Inc  
 IDS Blast  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
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 SAFE Systems, Inc.  
 Surface Prep Supply  
 Surface Preparation-Texas, LLC  
 T Tex Industries LP  
 TCR Blast Abrasives  
 United Western Denver  
 Van Air Systems  
 Victory Air & Equipment  
 The Warehouse Rentals and Supplies

**WATER BLASTING LANCES**

Aargo Environmental, Inc.  
 Airblast B.V.  
 All Jetting Technologies, Inc.



APEX Waterjetting Global  
 Arkco (Thailand) Co., Ltd.  
 Blasting Experts

BlastOne Australia  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Eagle Industrial Equipment, Inc.  
 FS Solutions  
 Hammelmann Corp.  
 IBIX North America, Surface Tech. LLC  
 Jadalc S.A.C.  
 Jetstream of Houston  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Michigan Power Cleaning  
 NLB Corp.  
 Parker Hannifin- Parflex  
 The Paint Project, Inc.  
 Surface Prep Supply  
 URACA GmbH & Co. KG  
 Victory Air & Equipment  
 VLN Advanced Technologies Inc.  
 The Warehouse Rentals and Supplies

**WATER BLASTING UNITS, HIGH PRESSURE**

Aargo Environmental, Inc.  
 Abrasives Inc.  
 Airblast B.V.  
 All Jetting Technologies, Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blasting Experts  
 BlastOne Australia  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DeLong Equipment  
 Eagle Industrial Equipment, Inc.  
 EnDiSys  
 FS Solutions  
 Hammelmann Corp.  
 Jadalc S.A.C.  
 Jetstream of Houston  
 LS Industries, Inc.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Michigan Power Cleaning  
 N.T. Ruddock Co.  
 NLB Corp.  
 Rapid Prep  
 Rodeco  
 Surface Prep Supply  
 T Tex Industries LP  
 Unimanix  
 Victory Air & Equipment  
 VLN Advanced Technologies Inc.  
 The Warehouse Rentals and Supplies

**WATER BLASTING UNITS, ULTRA-HIGH PRESSURE**

Abrasives Inc.  
 Airblast B.V.  
 All Jetting Technologies, Inc.  
 APEX Waterjetting Global  
 Arkco (Thailand) Co., Ltd.  
 Blasting Experts  
 BlastOne Australia  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 DeLong Equipment  
 Eagle Industrial Equipment, Inc.  
 EnDiSys  
 Hammelmann Corp.  
 Jadalc S.A.C.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Michigan Power Cleaning

NLB Corp.  
 Surface Prep Supply  
 T Tex Industries LP  
 URACA GmbH & Co. KG  
 VLN Advanced Technologies Inc.

**WATER WASHING UNITS, LOW PRESSURE**

Aargo Environmental, Inc.  
 Abrasives Inc.  
 Absolute Equipment  
 All Jetting Technologies, Inc.  
 Arkco (Thailand) Co., Ltd.  
 Blasting Experts  
 BlastOne Australia  
 BlueGreen Technologies LLC  
 CESCO - Aqua Miser  
 Corrosion Specialties Inc.  
 Desco Mfg. Co., Inc.  
 Eagle Industrial Equipment, Inc.  
 Jadalc S.A.C.  
 Jon-Don  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Marco  
 MES - Nationwide Rentals & Supplies  
 Michigan Power Cleaning  
 NLB Corp.  
 Rapid Prep  
 Rodeco  
 Surface Prep Supply  
 T Tex Industries LP  
 Unimanix  
 Victory Air & Equipment  
 VLN Advanced Technologies Inc.  
 The Warehouse Rentals and Supplies

**WET BLASTING UNITS (WATER AND ABRASIVE)**

Aargo Environmental, Inc.  
 Abrasive & Equipment of Arizona, Inc.  
 Abrasives Inc.  
 Airblast B.V.  
 Arkco (Thailand) Co., Ltd.  
 Ascon-Blast  
 Axiom Manufacturing, Inc.  
 Blast/Coat Systems, Inc.  
 Blasting Experts  
 BlastOne Australia  
 BlastOne International  
 BlueGreen Technologies LLC  
 Bolair Fluid Handling Systems  
 Canfield & Joseph, Inc.  
 CESCO - Aqua Miser  
 Clearblast  
 Clemco Industries Corp.  
 Corrosion Specialties Inc.  
 Dawson-Macdonald Company  
 DeLong Equipment  
 Eagle Industrial Equipment, Inc.  
 ESCA Blast  
 Friess Equipment, Inc.  
 Glenn Saren & Assoc. Inc.  
 Graco Inc.  
 Greener Blast Technologies, Inc.  
 Gritco Equipment B.V.  
 Hammelmann Corp.  
 IBIX North America, Surface Tech. LLC  
 In-Spec Corporation Pte Ltd  
 Jadalc S.A.C.  
 Lesoon Equipment Pte. Ltd.  
 LS Industries, Inc.  
 Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.

Marco  
MES - Nationwide Rentals & Supplies  
Michigan Power Cleaning  
N.T. Ruddock Co.  
NLB Corp.

Norton Sandblasting Equipment



Oak Ridge Foam and Coating systems/Franklin Consulting Services, LLC

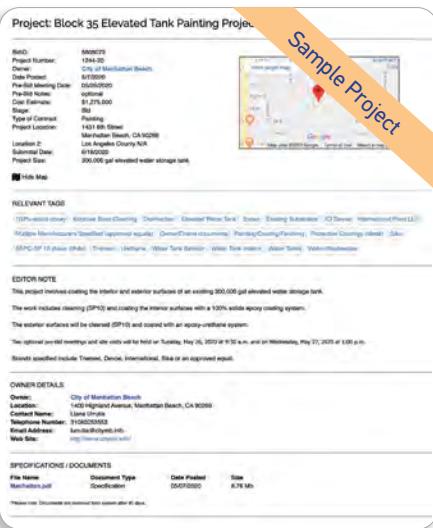
Opti-Blast  
The Paint Project, Inc.  
Pellets, LLC  
Pinnacle Central Co.

Pirate Brand  
Rapid Prep  
Rodeco

Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Unimanix  
United Western Denver  
Victory Air & Equipment  
VLN Advanced Technologies Inc.  
The Warehouse Rentals and Supplies

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## WHEEL BLASTING UNITS, STATIONARY

Abrasiflex Pty Ltd  
Abrasive Warehouse & Equipment  
Abrasives Inc.  
Airblast AFC  
Airblast B.V.  
Arkco (Thailand) Co., Ltd.  
Blasting Experts  
BlastOne Australia  
BlastOne International  
Canfield & Joseph, Inc.  
CESCO - Aqua Miser  
Corrosion Specialties Inc.  
Dawson-Macdonald Company  
DeLong Equipment  
Goff Inc.  
IDS Blast  
In-Spec Corporation Pte Ltd  
Jadalc S.A.C.  
Lesoon Equipment Pte. Ltd.  
LS Industries, Inc.  
Manus Abrasive Systems, Inc./Mod-U-Blast Mfg.  
Marco  
N.T. Ruddock Co.  
Norton Sandblasting Equipment  
Pangborn  
Pellets, LLC  
Pinnacle Central Co.  
RBW Enterprises, Inc.  
Rodeco  
Southern Equipment Distribution, LLC  
Surface Prep Supply  
Surface Preparation-Texas, LLC  
T Tex Industries LP  
Unified Technologies  
United Western Denver  
Victory Air & Equipment  
Wheelabrator

# 2020

## EQUIPMENT BUYING GUIDE



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## #

**10X Engineered Materials, LLC**  
1162 Manchester Ave  
Wabash, IN 46992  
**Contact:** Jake Vaillancourt  
**Phone:** 401-924-4715  
sales@10xem.com  
www.10xem.com  
Manufacturer / Distributor

**3M Company**  
Bldg 223-6N-01  
St. Paul, MN 55144  
Manufacturer

## A

**Aargo Environmental, Inc.**  
376 Dry Bridge Road, Suite A2  
North Kingstown, RI 02852  
**Contact:** Ron Perry  
**Phone:** 800-536-7711  
aargotool@cox.net  
www.aargotools.com  
Manufacturer / Distributor

**Abatron, Inc.**  
5501 95th Ave  
Kenosha, WI 53144  
**Contact:** Richard Ahlstrom  
**Phone:** 800-445-1754  
richard@abatron.com  
www.abatron.com  
Manufacturer

**ABC Industries, Inc.**  
301 Kings Hwy  
Winona Lake, IN 46590  
**Contact:** Jerrod Parker  
**Phone:** 574-267-5166  
sales@abc-industries.net  
www.abc-industries.net  
Manufacturer

**ABLE Equipment Rental**  
1050 Grand Blvd.  
Deer Park, NY 11729  
**Contact:** Perry Rosen  
**Phone:** 631-841-3333  
perry@ableequipment.com  
www.ableequipment.com  
Rental Company

**Abrasiflex Pty Ltd**  
260 Welshpool Road, Welshpool  
Perth, 6106 Australia  
**Contact:** Glenn Bennett  
**Phone:** 61-412103542  
gbennett@abrasiflex.com.au  
www.abrasiflex.com.au  
Distributor

**Abrasive & Equipment of Arizona, Inc.**  
4175 S. Fremont Ave., Suite 105  
Tucson, AZ 85714  
**Contact:** Frank Bedard  
**Phone:** 152-088-9564  
Frank@abrasivesandequipment.com  
www.abrasivesandequipment.com  
Distributor / Rental Company

**Abrasive Warehouse & Equipment**  
1221 North Post Oak Rd.  
Houston, TX 77055  
**Contact:** Derek Gray  
**Phone:** 713-715-7100  
www.abrasivewarehouse.com  
www.abrasivewarehouse.com  
Distributor

**Abrasives Inc.**  
4090 Highway 49  
Glen Ullin, ND 58631  
**Contact:** Jim Kaiser  
**Phone:** 800-584-7524  
sales@abrasivesinc.com  
www.abrasivesinc.com  
Manufacturer / Distributor

**ABS Blast**  
250 S. Shiloh Road  
Garland, TX 75042  
**Contact:** Lance Gayle, Derek Pawlivsky  
**Phone:** 972-205-9309  
info@absblast.com  
www.absblast.com  
Manufacturer

**Absolute Equipment**  
3038 Babcock Blvd.  
Pittsburgh, PA 15237  
**Contact:** Fred Silhanek  
**Phone:** 412-931-6655  
info@absoluteequip.com  
www.absoluteequip.com  
Rental Company

**Accumet Materials Co.**  
200 Executive Blvd., Ste. 200B  
Ossining, NY 10562  
**Contact:** Brenda Lyons  
**Phone:** 914-762-1540  
sales@accumetmaterials.com  
www.accumetmaterials.com  
Manufacturer

**ACT Test Panels LLC**  
273 Industrial Dr  
Hillsdale, MI 49242  
**Contact:** sales@acttestpanels.com  
**Phone:** 517-439-1485  
sales@acttestpanels.com  
www.acttestpanels.com  
Manufacturer

**Advance Equipment Mfg.**  
4615 W. Chicago Avenue  
Chicago, IL 60651  
**Contact:** DeAnne Shallcross  
**Phone:** 773-287-8220  
sales@advance-equipment.com  
www.advance-equipment.com  
Manufacturer

**Aggreko**  
15600 John F. Kennedy Blvd. Suite 900  
Houston, TX 77032  
**Contact:** Corporate Office  
**Phone:** 800-244-7356  
aggreko@aggreko.com  
www.aggreko.com  
Rental Company

**Air Conditioner Rental and Leasing Inc.**  
1001 Freyburg Street  
Pittsburgh, PA 15203  
**Contact:** Scott Penner  
**Phone:** 800-581-4844  
sp@acrental.com  
www.acrental.com  
Manufacturer / Distributor / Rental Company

**Air Equipment Rental Corporation**  
8200 B Memorial Dr.  
Plain City, OH 43064  
**Contact:** Mike Abbott  
**Phone:** 614-733-0777  
mabbott@airequipmentrental.com  
www.airequipmentrental.com  
Distributor / Rental Company

**Airblast AFC**  
250 Airport Parkway  
Oroville, CA 95965  
**Contact:** Jeremy Hagan  
**Phone:** 800-331-7744  
jeremy@afcfilters.com  
www.airblastafc.com  
Manufacturer / Distributor

**Airblast B.V.**  
PO Box 1075  
Heerhugowaard, 1700 BB Netherlands  
**Contact:** Mr. Nick Smith  
**Phone:** 31-72-5718002  
info@airblast.com  
www.airblast.com  
Manufacturer / Distributor

## EQUIPMENT BUYING GUIDE / Company Profiles

# B

**Airtec Ltd.**  
Industriestrasse 40  
Zunzgen, CH-4455 Switzerland  
**Contact:** Thomas Wyser  
**Phone:** 41-61-976-95-25  
tom.wyser@airtec.ch  
Manufacturer / Distributor / Rental Company

**AirTech Spray Systems**  
4303 Pinemont Dr.  
Houston, TX 77018  
**Contact:** Ronald Cradit  
**Phone:** 713-681-0013  
sales@airtechspray.com  
www.airtechspray.com  
Manufacturer / Distributor / Rental Company

**Albion Engineering Company**  
1250 N Church Street  
Moorestown, NJ 08057  
**Contact:** Dean Hammel  
**Phone:** 856-235-6688  
sales@albioneng.com  
www.albioneng.com  
Manufacturer

**All Jetting Technologies, Inc.**  
2740 Martin Downs Blvd., #318  
Palm City, FL 34990  
**Contact:** Rodney Hardin  
**Phone:** 772-286-1218  
info@alljetting.com  
www.alljetting.com  
Manufacturer / Distributor

**Ammex Machine Tools Phil Inc.**  
#27 Judge Juan Luna Street Del Monte  
Quezon City, 1105 Philippines  
**Contact:** Faith Huelar  
**Phone:** 352-8710  
sales.ammex@gmail.com  
www.ammexmachine.webs.com/  
Distributor

**APEX Waterjetting Global**  
3569 SW Corporate Parkway  
Palm City, FL 34990  
**Contact:** APEX Waterjetting  
**Phone:** 866-273-9109  
www.apexwaterjetting.com  
Manufacturer / Distributor

**ARID-DRY by Controlled Dehumidification**  
5931 Ford Court  
Brighton, MI 48116  
**Contact:** Tom Haarla  
**Phone:** 810-229-7900  
sales@ctrdh.com  
www.ctrdh.com  
Manufacturer / Distributor

**Arkco (Thailand) Co., Ltd.**  
19/23 Moo 8 Suksawad Road SOI 84  
Naiklongbangplakod Sub-District,  
Prasamutjedee District  
Samutprakarn, 10290 Thailand  
**Contact:** Kevin Yeo  
**Phone:** 66-899202257  
sales@arkcothailand.com  
www.arkcothailand.com  
Distributor

**Arma Coatings**  
5555 W. 11th Ave  
Eugene, OR 97402  
**Contact:** Brian Clements  
**Phone:** 541-688-3500  
sales@armacoatings.com  
http://www.armacoatings.com  
Manufacturer / Distributor

**ARP Instruments, Inc**  
39 Monterra Avenue  
Fredericksburg, VA 22406  
**Contact:** Richard Parks  
**Phone:** 540-604-4551  
rparksrockfish@aol.com  
arp.instruments@gmail.com  
Manufacturer

**ARS Recycling Systems**  
4000 McCartney Rd.  
Lowellville, OH 44436  
**Contact:** Doug Reed  
**Phone:** 330-536-8210  
info@arsrecycling.com  
www.arsrecycling.com  
Manufacturer

**Ascon-Blast**  
1-7, Kudan Kita, Chiyoda-ku  
Tokyo, 102-0073 Japan  
**Phone:** 81-3-6261-6530  
info@ascon-blast.co.jp  
www.ascon-blast.co.jp  
Manufacturer / Distributor

**AST/Adhesive Systems Technology Corp.**  
1600 Freeway Boulevard  
Brooklyn Center, MN 55430  
**Contact:** Stephen Hirt  
**Phone:** 763-592-2060  
sales@ast-corp.net  
www.ast-corp.net  
Manufacturer

**Atlantic Design Inc.**  
11505 Pocomoke Court  
Baltimore, MD 21220  
**Contact:** Jeff Badessa  
**Phone:** 410-335-1400  
info@calladi.com  
www.atlanticdesigninc.com  
Manufacturer / Rental Company

**Atlas Material Testing Technology**  
1500 Bishop Court  
Mount Prospect, IL 60056  
**Contact:** Scott Zimmerman  
**Phone:** 773-327-4520  
robg@dhchicago.com  
www.atlas-mts.com  
Manufacturer / Distributor / Rental Company

**Axiom Manufacturing, Inc.**  
11927 Hwy 6, Fresno, TX 77545  
Fresno, TX 77545  
**Contact:** Sales  
**Phone:** 713-819-9338  
sales@axiommfq.com  
www.schmidtabrasiveblasting.com  
Manufacturer

**Barton International**  
Six Warren Street  
Glens Falls, NY 12801  
**Contact:** Regional Sales Manager  
**Phone:** 800-741-7756  
info@barton.com  
www.barton.com  
Manufacturer / Distributor

**Beardsley Sales**  
PO Box 104  
Seneca Falls, NY 13148  
**Contact:** Dave Swenson  
**Phone:** 315-246-6686  
Dhswenson59@gmail.com  
Manufacturer

**Bedford Precision Products**  
Address: 290 Adams Street, P.O Box 357,  
Bedford Hills NY 10507 Phone:(914)  
241-2211 office main  
Bedford Hills, NY 10507  
**Contact:** Customer Service  
**Phone:** 888-233-3673  
sales@bedfordprecision.com  
www.bedfordprecision.com  
Manufacturer

**Bell & MacKenzie, A Business of Marco Blast & Abrasives Canada Inc.**  
P.O. Box 844, LCD #1500 Sherman Ave.  
North  
Hamilton, ON L8N 3N9 Canada  
**Contact:** Richard Bell  
**Phone:** 888-794-5665  
info@bellandmackenzie.com  
Distributor

**Bellemare Abrasives & Minerals(SDF Abrasives, Inc.)**  
8750 Boul. Industriel  
Trois Rivières, QC G9A 5E1 Canada  
**Contact:** Bala Gopal/Martin Cote  
**Phone:** 416-436-1677/819-695-0170  
mcote@groupebellemare.com  
www.groupebellemare.com  
Manufacturer

**Bittner's Spray Equipment Co.**  
1301 Brummel Avenue  
Elk Grove Village, IL 60007  
**Contact:** Greg Bittner  
**Phone:** 847-364-7661  
zbitt@msn.com  
www.bsesprayit.com  
Distributor

**Bix Manufacturing Company, Inc**  
108 Cude Lane  
Madison, WA 37115  
**Contact:** Neheeh Kehrri  
**Phone:** 412-000-0000  
Manufacturer

**Blast/Coat Systems, Inc.**  
9823 Crescent Center Dr.  
Rancho Cucamonga, CA 91730  
**Contact:** John Ulrich / Linda Mendoza  
**Phone:** 909-483-4200  
info@blastcoat.com  
www.blastcoat.com  
Distributor

**Blasting Experts**  
343 Devonshire Terrace  
Ancaster, ON L9G 4R1 Canada  
**Contact:** Eng. Mauricio Herrera  
**Phone:** 905-541-0997  
sales@blastingexperts.com  
www.blastingexperts.com  
Manufacturer / Distributor / Rental Company

**Blastline India Pvt. Ltd.**  
L.F. Plaza Pottakuzhi-Perandoor Road  
Cochin, 682026 India  
**Contact:** Praveena Jolly  
**Phone:** 91-484-2537375  
praveenajolly@blastlineindia.com  
www.blastlineindia.com  
Manufacturer / Distributor

**Blastman Robotics Ltd.**  
Kaarnatie 40  
Oulu, FI, 90530 Finland  
**Contact:** Sakari Veijola  
**Phone:** 358-407616561  
sakari.veijola@blastman.fi  
www.blastman.fi  
Manufacturer

**BlastOne Australia**  
5 Queens Road  
Melbourne, 3004 Australia  
**Contact:** Phil Gooden  
**Phone:** 61-800-190-190  
sales.au@blastone.com  
www.blastone.com.au  
Manufacturer / Distributor / Rental Company

**BlastOne International**  
4510 Bridgeway Avenue  
Columbus, OH 43219  
**Contact:** Gavin Gooden  
**Phone:** 614-476-3000  
sales@blastone.com  
www.blastone.com  
Distributor / Rental Company

**BlastPro Mfg., Inc.**  
6021 Melrose Lane  
Oklahoma City, OK 73127  
www.blastpromfg.com

**BlueGreen Technologies LLC**  
1408 Hamlin Ave., Unit A  
Saint Cloud, FL 34771  
**Contact:** Craig Grason  
**Phone:** 407-466-4427  
craig@farrow4u.com  
www.Farrow4u.com  
Distributor

**Bolair Fluid Handling Systems**  
17 Brownridge Rd Unit 1&2  
Halton Hills - Branch in Alberta and BC, ON  
L7G 0C6 Canada  
**Contact:** Gregory Haddow  
**Phone:** 877-326-5247  
sales@bolair.ca  
www.bolair.ca  
Manufacturer / Distributor / Rental Company

**Bon Tool Co.**  
4430 Gibsonia Rd  
Gibsonia, PA 15044  
**Contact:** sales@bontool.com  
**Phone:** 724-443-7080  
sales@bontool.com  
www.bontool.com  
Manufacturer

**BrandSafway Services LLC**  
 Infrastructure Services Group Scotia-Glenville Industrial Park Building 406  
 Scotia, NY 12302  
**Contact:** Jerry Dolly  
**Phone:** 518-381-6000  
 quikdeck@safway.com  
 www.quikdeck.com  
 Manufacturer / Rental Company

**Browns Hill Sand**  
 135 W. Seventh Ave., PO Box 324  
 Homestead, PA 15120  
**Contact:** Steve Krasne  
**Phone:** 412-461-9060  
 gmail@brownshillsand.com  
 www.brownshillsand.com  
 Distributor

**Buffalo Shrink Wrap Inc.**  
 PO Box 537  
 Clarence, NY 14031  
**Contact:** William Casilio Jr  
**Phone:** 800-792-8819  
 orders@buffaloshrinkwrap.com  
 www.buffaloshrinkwrap.com  
 Manufacturer / Distributor

**Bullard**  
 1898 Safety Way  
 Cynthiana, KY 41031  
**Contact:** Mitch Kiser  
**Phone:** 859-234-6616  
 info@bullard.com  
 www.bullard.com  
 Manufacturer

**BYK-Gardner USA**  
 9104 Guilford Rd.  
 Columbia, MD 21046  
**Contact:** Sherry Brown  
**Phone:** 800-343-7721  
 info.byk.gardner.usa@altana.com  
 www.byk-instruments.com  
 Manufacturer

## C

**Canfield & Joseph, Inc.**  
 830 Armourdale Pkwy  
 Kansas City, KS 66105  
**Contact:** Mike Sifferman  
**Phone:** 800-933-3643  
 kc@canfieldjoseph.com  
 www.canfieldjoseph.com  
 Distributor

**Canfield & Joseph, Inc.**  
 566 N. Beach Street  
 Fort Worth, MO 76111  
**Contact:** Bill Riley  
**Phone:** 800-480-8957  
 fw@canfieldjoseph.com  
 www.canfieldjoseph.com  
 Distributor

**Canfield & Joseph, Inc.**  
 5460 Brown Avenue  
 St. Louis, MO 63120  
**Contact:** Andrew Bruce  
**Phone:** 800-513-9857  
 sl@canfieldjoseph.com  
 www.canfieldjoseph.com  
 Distributor

**Canfield & Joseph, Inc.**  
 6536 E. 42nd Street  
 Tulsa, OK 74145  
**Contact:** Jared Joseph  
**Phone:** 800-364-5452  
 tu@canfieldjoseph.com  
 www.canfieldjoseph.com  
 Distributor

**Cate Wyoming Equipment Company, LLC**  
 3002 Conestoga Drive  
 Gillette, WY 82718  
**Contact:** Randy Hartley  
**Phone:** 307-682-0571  
 Distributor

**CBG Biotech**  
 31075 Solon Industrial Parkway  
 Solon, OH 44139  
**Contact:** Nancy Isom  
**Phone:** 800-941-9484  
 info@cbgtechnologies.com  
 cbgbiotech.com  
 Manufacturer

**Central Texas Equipment**  
 1401 Central Commerce Circle  
 Pflugerville, TX 78660  
**Contact:** Bob Henry  
**Phone:** 512-442-2371  
 sales@ctegroup.net  
 www.ctegroup.net  
 Distributor

**CESCO - Aqua Miser**  
 7251 Cross County Rd.  
 N. Charleston, SC 29418  
**Contact:** Randy Fulmer  
**Phone:** 843-760-3000  
 info@BlastandPaint.com  
 www.blastandpaint.com  
 Manufacturer / Distributor / Rental Company

**The Chemours Company - Starblast Abrasives**  
 5222 Treat Road  
 Starke, FL 32091  
**Contact:** Andrew Romeo  
**Phone:** 904-964-1355  
 minerals.support@chemours.com  
 www.chemoursabrasives.com  
 Manufacturer

**Chesapeake Specialty Products**  
 5055 North Point Blvd.  
 Baltimore, MD 21120  
**Contact:** Kenneth Sanchez  
**Phone:** 410-388-5055  
 info@chesprod.com  
 www.chesprod.com  
 Manufacturer

**CHLOR RID International Inc.**  
 811 Sharon Drive  
 Westlake, OH 44145  
**Contact:** Matt Valentine  
**Phone:** 216-213-1714  
 matt.valentine@borchers.com  
 www.chlor-rid.com  
 Manufacturer

**Clean&Safe**  
 101 N. Main St. Ste. 1504  
 Greenville, SC 29601-4848  
**Contact:** 864-370-9744  
**Phone:** 864-370-9744  
 cleansafe@dropcloth.com  
 www.dropcloth.com  
 Distributor

**Clearblast**  
 706 Old Westtown Road Suite E  
 West Chester, PA 19382  
**Contact:** Sales  
**Phone:** 888-992-5278  
 info@clearblast.com  
 www.clearblast.com  
 Manufacturer

**Clemco Industries Corp.**  
 One Cable Car Drive  
 Washington, MO 63090  
**Contact:** Customer Service  
**Phone:** 636-239-4300  
 info@clemcoindustries.com  
 www.clemcoindustries.com  
 Manufacturer

**Corrosion & Protective Coatings S.A.**  
 Av. Paseo La Castellana 814, Urb. La Castellana  
 Lima, 15048 Peru  
**Contact:** Gina Aliaga  
**Phone:** 511-449-2006  
 galiaga@cpcinstruments.com  
 www.cpcinstruments.com  
 Distributor

**Corrosion Specialties Inc.**  
 2221 Northmont Parkway Suite 200  
 Duluth, GA 30096  
**Contact:** Andy Steinmann  
**Phone:** 770-938-7263  
 asteinmann@apecompanies.com  
 www.corrosionspec.com  
 Distributor

**Crawler**  
 2354 North Lindberg Blvd.  
 St. Louis, MO 63114  
**Contact:** Mark Chick  
**Phone:** 314-428-4804  
 mark@crawlerusa.com  
 www.crawlerusa.com  
 Manufacturer

**CS Unitec, Inc.**  
 22 Harbor Avenue  
 Norwalk, CT 06850  
**Contact:** Kathy Delaney  
**Phone:** 203-853-9522  
 info@csunitec.com  
 www.csunitec.com  
 Manufacturer

**Cygnus Instruments, Inc.**  
 6900 Philips Hwy, Suite 8  
 Jacksonville, FL 32216  
**Contact:** Rod Sanders  
**Phone:** 410-267-9771  
 sales@cygnusinstruments.com  
 www.cygnusinstruments.com  
 Distributor

**D**  
**Dawson-Macdonald Company**  
 845 Woburn Street  
 Wilmington, MA 01887  
**Contact:** Mike Stygles  
**Phone:** 978-988-8034  
 info@dawson-macdonald.com  
 www.dawson-macdonald.com  
 Distributor

**DeFelsko Corporation**  
 800 Proctor Ave.  
 Ogdensburg, NY 13669  
**Contact:** Terry LaRue  
**Phone:** 315-393-4450  
 techsale@defelsko.com  
 www.defelsko.com  
 Manufacturer

**DeHumidification Technologies, LP**  
 6609 Avenue U  
 Houston, TX 77011  
**Contact:** Brian Battle  
**Phone:** 713-939-1166  
 bbattle@rentdh.com  
 www.rentdh.com  
 Rental Company

**DeLong Equipment**  
 1216 Zonolite Rd.  
 Atlanta, AL 30306  
**Contact:** Rob Eskew  
**Phone:** 404-607-1234  
 sales@delongequipment.com  
 www.delongequipment.com  
 Manufacturer / Distributor

**Desco Mfg. Co., Inc.**  
 23031 Arroyo Vista  
 Rancho Santa Margarita, CA 92688  
**Contact:** Ralph Fabian  
**Phone:** 800-337-2648  
 info@descomfg.com  
 www.descomfg.com  
 Manufacturer

**Desmond Mfg. Co.**  
 PO Box 30  
 Urbana, OH 43078  
**Contact:** Robert McConnell  
**Phone:** 800-823-4670  
 desmondmfg@ctcn.net  
 www.swirloff.com  
 Manufacturer

**Detroit Tarp, Inc.**  
 6760 Metroplex Dr.  
 Romulus, MI 48174  
**Contact:** Dennis Trezona  
**Phone:** 800-457-5054  
 dennis.trezona@hotmail.com  
 www.detroittarp.com  
 Manufacturer

**DevWave Software Inc.**  
 PO Box 28031  
 Victoria, BC V9B 6K8 Canada  
**Contact:** Michael Brown  
**Phone:** 888-739-4033  
 sales@devwave.com  
 www.devwave.com  
 Manufacturer

**Diamond Scaffold**  
 2355 Hurricane Bay Dr.  
 Semmes, AL 36575

**Dickson Industries, Inc.**  
 PO Box 684  
 Tecumseh, OK 74873  
**Contact:** Wayne Dickson  
**Phone:** 405-598-6547  
 dicksonparts@aol.com  
 www.roadproonline.com  
 Manufacturer

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**Disnamair, S.A.**  
 Vereda del Alquitón, 1  
 Arganda del Rey, Madrid Spain, 28500  
 Spain  
**Contact:** carlos@disnamair.com  
**Phone:** 607-62-59-87  
 carlos@disnamair.com  
 disnamair.com

**Doosan Portable Power**  
 1293 Glenway Drive  
 Statesville, NC 28625  
**Phone:** 800-633-5206  
 portablepowersales@doosan.com  
 www.doosanportablepower.com  
 Manufacturer

**Draygon Enterprises, Inc.**  
 120 Triple Diamond Blvd. Unit H  
 N. Venice, FL 34275  
**Contact:** Raymond E. VanKouwenberg  
**Phone:** 585-329-9718  
 ray@draygon.com  
 www.draygon.com  
 Manufacturer

**Dry Air Technology**  
 1387 Pacific Drive, Suite B  
 Burlington, WA 98233  
**Contact:** Lori Buswell  
**Phone:** 360-755-9176  
 info@dryairtech.com  
 www.dryairtech.com  
 Manufacturer

**DryAIR by TDM**  
 52 US Route 1 #2  
 Scarborough, ME 04074  
**Contact:** Mark Callahan  
**Phone:** 800-287-1538  
 mcallahan@tdmgo.com  
 www.tdmgo.com  
 Manufacturer

**DuPont Personal Protection**  
 PO Box 27001  
 Richmond, VA 23261  
**Contact:** DuPont Personal Protection  
 Customer Service  
**Phone:** 800-931-3456  
 personalprotection.dupont.com  
 www.safespec.dupont.com  
 Manufacturer

**DUX Technologies, Inc.**  
 PO Box 1314  
 Seahurst, WA 98062  
**Contact:** Brad Rice  
**Phone:** 206-248-0808  
 brad.rice@duxtechnologiesinc.com  
 www.duxtechnologiesinc.com  
 Manufacturer

**Eagle Industrial Equipment, Inc.**  
 230 N. Barrios St.  
 Lockport, LA 70374  
**Contact:** Ben Ledet  
**Phone:** 985-532-5700  
 bledet@eagleie.com  
 www.eagleie.com  
 Manufacturer

**Eagle Industries**  
 PO Box 10652  
 New Orleans, LA 70123  
**Contact:** Patrick Calvo  
**Phone:** 800-266-8246  
 patrick@eagleind.com  
 www.eagleind.com  
 Manufacturer

**ECCS**  
 6082 Anna Ct.  
 Eastvale, CA 92880  
**Contact:** Eric Villasenor  
**Phone:** 909-952-0745  
 eddycurrentguru@aol.com  
 www.eddycurrentandcoatingsales.com  
 Distributor

**EDCO - Equipment Development Co. Inc.**  
 100 Thomas Johnson Drive  
 Frederick, MD 21702  
**Contact:** Richard Quickel  
 www.edcoinc.com  
 Manufacturer

**Elcometer (Asia) Pte Ltd**  
 896 Dunearn Road, Tuan Sing Building,  
 #03-09  
 Singapore, 589472 Singapore  
**Contact:** Jerry Tan  
**Phone:** 65-64622822  
 jerry.tan@elcometer.com.sg  
 www.elcometer.com.sg  
 Distributor

**Elcometer Education Institute**  
 6900 Miller Drive  
 Warren, MI 48092  
**Contact:** Deb Piatt  
**Phone:** 248-650-0500  
 training@elcometerusa.com  
 www.elcometeredu.com  
 Manufacturer / Distributor

**Elcometer, Inc.**  
 6900 Miller Drive  
 Warren, MI 48092  
**Contact:** Sunny Nietubicz  
**Phone:** 800-521-0635  
 sales@elcometerusa.com  
 www.elcometerusa.com  
 Manufacturer / Distributor

**ElektroPhysik Dr. Steingroever GmbH & Co. KG**  
 Pasteurstr. 15  
 Cologne, D-50735 Germany  
**Contact:** Sales Dept.  
**Phone:** 49-221-752040  
 info@elektrophysik.com  
 www.elektrophysik.com  
 Manufacturer / Distributor

**EnDiSys**  
 14329 Northdale Blvd.  
 Rogers, MN 55374  
**Contact:** Scott L. Striggow  
**Phone:** 763-428-5075  
 scottstriggow@endisys.com  
 www.endisys.com  
 Manufacturer / Distributor

**Ensio Resources, Inc.**  
 431 River Road  
 Bow, NH 03304  
**Contact:** Krissy Ordeshook  
**Phone:** 603-224-0221  
 krissy@ensioresources.com  
 ensioreources.com  
 Manufacturer / Distributor

**EnTech Industries**  
 1109 10th St. NE  
 East Grand Forks, MN 56721  
**Contact:** Mark LaPlante  
**Phone:** 218-773-6602  
 mark@entechindustries.com  
 www.entechindustries.com  
 Manufacturer

**Envirosafe Stripping Inc.**  
 785 Arch Street  
 Carnegie, PA 15106  
**Contact:** Mike Vorel  
 envirosafeindustrial@verizon.net  
 envirosafeindustrial.com  
 Manufacturer

**EPIC Supply, LLC**  
 45 Whitestone Lane  
 Lancaster, NY 14086  
**Contact:** Jerry Tan  
**Phone:** 65-64622822  
 jerry.tan@elcometer.com.sg  
 www.elcometer.com.sg  
 Distributor

**Ervin Industries, Inc.**  
 3893 Research Park Dr.  
 Ann Arbor, MI 48106  
**Contact:** Joe McGreal  
**Phone:** 800-748-0055  
 jmccreal@ervinindustries.com  
 www.ervinindustries.com  
 Manufacturer

**ESCA Blast**  
 1330 Industry Road  
 Hatfield, PA 19440  
**Contact:** Ed Swayze  
**Phone:** 215-723-9000  
 www.escablast.com  
 Distributor / Rental Company

**Everblast Inc.**  
 820 McArdle Drive, Unit C  
 Crystal Lake, IL 60014  
**Contact:** Chris Hindley  
**Phone:** 815-788-8660  
 sales@everblast.com  
 www.everblast.com  
 Manufacturer

**F**  
**Fischer Technology, Inc.**  
 750 Marshall Phelps Rd.  
 Windsor, CT 06095  
**Contact:** Juliani Goodwill  
**Phone:** 860-298-6060  
 sales@fischer-technology.com  
 www.fischer-technology.com  
 Manufacturer

**Flashlights Unlimited**  
 416 Mapmaker Ln  
 Savannah, GA 31410  
**Contact:** Floyd Hacker  
**Phone:** 912-999-6378  
 floyd@flashlightsunlimited.com  
 flashlightsunlimited.com  
 Manufacturer / Distributor

**Flat Rock Bagging**  
 27938 Cooke St.  
 Flat Rock, MI 48134  
**Contact:** Mike Simonetti  
**Phone:** 734-782-2073  
 mikesim@flatrockbagging.com  
 flatrockbagging.com  
 Manufacturer / Distributor

**Flexible Lifeline Systems**  
 14325 West Hardy Rd.  
 Houston, TX 77060  
**Contact:** Sales  
**Phone:** 832-448-2900  
 info@flexiblelifeline.com  
 www.flexiblelifeline.com  
 Manufacturer

**Floorex Products**  
 11-13 Jennings Road  
 Swan Hill, 3585 Australia  
**Contact:** Sales Team  
**Phone:** 61-3-5036-4000  
 sales@floorex.com.au  
 www.floorex.com  
 Manufacturer

**Formulator Software LLC**  
 122 West Main Street  
 Clinton, NJ 08809  
**Contact:** J. DeGroff  
**Phone:** 908-735-2038  
 sales@formulatorus.com  
 www.formulatorus.com  
 Manufacturer

**Franmar**  
 PO Box 5565  
 Bloomington, IL 61701  
**Contact:** Customer Service  
**Phone:** 800-538-5069  
 custserv@franmar.com  
 www.franmar.com  
 Manufacturer / Distributor

**Friess Equipment, Inc.**  
 2222 Akron-Peninsula Rd.  
 Akron, OH 44313  
**Contact:** Jim Friess  
**Phone:** 330-945-9440  
 info@friessequipment.com  
 www.friessequipment.com  
 Manufacturer / Distributor

**FROHN North America Inc.**  
 6170 Hotel Street  
 Austell, GA 30106  
**Contact:** Jed Palmer  
**Phone:** 877-362-7336  
 jed.palmer@frohn.us  
 www.frohn.com  
 Manufacturer

**FS Solutions**  
 1144 Expressway Drive South  
 Toledo, OH 43608  
**Contact:** Craig Aspinall / David Brown  
**Phone:** 888-415-4368  
 rentals@fsolutionsgroup.com  
 www.fsolutionsgroup.com  
 Rental Company

**Full Circle International Inc.**  
 3860 County Road 40 NW  
 Garfield, MN 56332  
**Contact:** Ira Thomas  
**Phone:** 952-545-2401  
 ira@fullcircleinternational.com  
 www.fullcircleinternational.com  
 Manufacturer



**Eagle Industrial Equipment, Inc.**  
 230 N. Barrios St.  
 Lockport, LA 70374  
**Contact:** Ben Ledet  
**Phone:** 985-532-5700  
 bledet@eagleie.com  
 www.eagleie.com  
 Manufacturer

# G

**GapVax Inc.**  
575 Central Avenue  
Johnstown, PA 15902  
**Contact:** Matt Hughes  
**Phone:** 814-535-6766  
MHughes@gapvax.com  
www.gapvax.com  
Manufacturer

**Garnet International Resources Pty. Ltd.**  
Hampden Court 186-190, Hampden Road  
Nedlands WA, 6909 Australia  
**Contact:** Aaron Williams  
**Phone:** 61-893-89-8560  
sclare@garnetsales.com  
www.garnetsales.com

**GBS Scaffolding and Services Corp.**  
38750 Webb Dr., Ste. 100  
Westland, MI 48185  
**Contact:** Steve Fenske  
**Phone:** 888-868-1062  
gbsscaffolding@gmail.com  
www.gbsscaffolding.com  
Manufacturer / Distributor / Rental Company

**General Equipment Company**  
620 Alexander Drive SW  
Owatonna, MN 55060  
**Contact:** Sales Department  
**Phone:** 800-533-0524  
general@generalequip.com  
www.generalequip.com  
Manufacturer

**General Lasertronics Corporation**  
830 Jury Court, Suite 5  
San Jose, CA 95112  
**Phone:** 408-947-1181  
info@lasertronics.com  
www.lasertronics.com  
Manufacturer

**General Pump**  
1174 Northland Drive  
Mendota Heights, MN 55120  
**Contact:** Joe Campbell  
**Phone:** 888-474-5487  
sales@gpcompanies.com  
www.generalphpump.com  
Manufacturer

**Glenn Saren & Assoc. Inc.**  
8460 NW 52nd Pl.  
Coral Springs, FL 33067  
**Contact:** Glenn Saren  
**Phone:** 305-613-9323  
gesaren@aol.com  
www.GlennSarenAssoc.net

**GLOBAL Encasement, Inc.**  
701 E. Santa Clara St.  
Ventura, CA 93001  
**Contact:** George C. Keefe  
**Phone:** 800-266-3982  
service@encasement.com  
www.encasement.com  
Manufacturer

**Global Training Solutions Inc.**  
PO Box 26067, 3163 Winston Churchill Blvd.  
Mississauga, ON L5L 5W7 Canada  
**Contact:** Sales  
**Phone:** 416-806-5777  
info@globaltrainingsolutions.ca  
www.globaltrainingsolutions.ca  
Manufacturer

**GMA Garnet (Europe) GmbH UK Office**  
PO Box 9  
Middlewich, CW10 9FD United Kingdom  
**Contact:** Mike Crowe  
**Phone:** 773-863-8966  
sales@gmagarnet.co.uk  
www.gmagarnet.co.uk  
Manufacturer

**Goff Inc.**  
12216 NS 3520  
Seminole, OK 74868  
**Contact:** David Zehren  
**Phone:** 405-278-6200  
goff@goff-inc.com  
www.goff-inc.com  
Manufacturer

**Graco Inc.**  
88 - 11th Ave. NE  
Minneapolis, MN 55413  
**Contact:** Courtney Beall  
**Phone:** 866-361-5959  
courtney\_a\_beall@graco.com  
www.graco.com  
Manufacturer

**Greener Blast Technologies, Inc.**  
73 Progress Ave.  
Tyngsboro, MA 01879  
**Contact:** info@greenerblast.com  
**Phone:** 978-649-5300  
Info@greenerblast.com  
greenerblast.com  
Manufacturer

**Gritco Equipment B.V.**  
Florijnstraat 93  
Ridderkerk, 2988 CL Netherlands  
**Contact:** Sander van der Made  
**Phone:** 31-180-412855  
info@gritco.com  
www.gritco.com  
Manufacturer / Distributor

**Guzzler Manufacturing**  
1621 S. Illinois Street  
Streator, IL 61364  
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9 Webb Drive  
Merrimack, NH 03054  
**Contact:** Tom Stratton  
**Phone:** 603-889-8600  
staples@hfstaples.com  
www.hfstaples.com  
Manufacturer

**Hammelmann Corporation**  
436 Southpointe Drive  
Miamisburg, OH 45342  
**Contact:** Denny Mesarvey  
**Phone:** 800-783-4935  
mail@hammelmann.com  
www.hammelmann.com  
Manufacturer / Distributor / Rental Company

**Harsco Minerals**  
350 Popular Church Road  
Camp Hill, PA 17010  
**Contact:** Customer Service  
**Phone:** 888-733-3646  
reeds@harsco.com  
www.blackbeautyabrasives.com  
Manufacturer

**Hawk Research Labs**  
780 A.E.C. Drive  
Wood Dale, IL 60191

**HERO Products Group a division of I.C.T.C. Holdings Corp.**  
720 Eaton Way  
Delta, BC V3M 6J9 Canada  
**Contact:** Steve Babins  
**Phone:** 604-523-3080  
sbabins@hero.ca  
www.hero.ca  
Manufacturer

**Hertz Equipment Rental**  
74-591 Honokohau St.  
Kailua-Kona, HI 96740  
**Contact:** Bobby Marks  
**Phone:** 808-331-1304  
Distributor

**HoldTight Solutions**  
PO Box 27907  
Houston, TX 77227  
**Contact:** Ken Rossi  
**Phone:** 832-633-0430  
ken.rossy@holdtight.com  
www.holdtight.com  
Manufacturer / Distributor

**HoverTrowel, Inc.**  
5048 Spruce Lane  
Mohnton, PA 19540  
**Contact:** Drew Fagley  
**Phone:** 610-856-1961  
sales@hovertrowel.com  
www.hovertrowel.com  
Manufacturer

### I

**IBIX North America, Surface Tech. LLC**  
2075 Lake Ave. SE  
Largo, FL 33771  
**Contact:** sales@ibixusa.com  
**Phone:** 727-322-4611  
sales@ibixusa.com  
www.ibixusa.com  
Manufacturer / Distributor

**ICM - International Climbing Machines**  
630 Elmira Road  
Ithaca, NY 14850  
**Contact:** Samuel Maggio  
**Phone:** 607-288-4001  
info@icm.cc  
www.icm.cc  
Manufacturer

**IDS Blast**  
2717 Tobey Dr.  
Indianapolis, IN 46219  
**Contact:** John Heinzelman  
**Phone:** 800-800-0665  
johnh@idsblast.com  
http://www.idsblast.com  
Distributor

**INDCO, Inc.**  
4040 Earnings Way  
New Albany, IN 47150  
**Contact:** Tricia Thien  
**Phone:** 800-942-4383  
info@indco.com  
www.indco.com  
Manufacturer

**Indian Valley Industries, Inc.**  
5 Pine Camp Drive  
Binghamton, NY 13904  
**Contact:** Cord Pennell  
**Phone:** 607-240-8407  
Cpennell@iviindustries.com  
www.iviindustries.com  
Manufacturer

**Industrial Physics Inks & Coatings B.V.**  
Molenbaan 19  
Capelle aan den IJssel, 2908LL  
Netherlands  
**Contact:** Esther Krijgsman  
**Phone:** 31-10-7900100  
sales-ic@industrialphysics.com  
www.industrialphysics.com/en-us/ic  
Manufacturer / Distributor

**Industrial Vacuum Equipment Corp.**  
N8150 Maple Street  
Ixonia, WI 53036  
**Contact:** Randy Bourdo  
**Phone:** 800-331-4832  
randy@industrialvacuum.com  
www.industrialvacuum.com  
Manufacturer

**Innovative Reach**  
5505 Twin Knolls Dr.  
Cedar Rapids, IA 52411  
**Contact:** Philip Koch  
**Phone:** 319-573-3488  
philip@innovativereach.com  
www.innovativereach.com  
Rental Company

### In-Spec Corporation Pte Ltd

50 Tuas Avenue 11, Tuas Lot #01-07,  
Singapore 639107  
Tuas, Singapore  
**Contact:** Patrick Tan  
**Phone:** 65-67388466  
sales@inspec.com.sg  
www.inspec.com.sg  
Distributor

### J

**Jadalc S.A.C.**  
Calle los Nazcas, N 231 Urb. Maranga  
San Miguel  
Lima, L-32 Peru  
**Contact:** Jose Antonio De Amat Lacotera  
**Phone:** 99-9976634  
deamat@waterjetting.com.pe  
www.waterjetting.com.pe  
Distributor

**James Instruments Inc.**  
3727 N. Kedzie Ave.  
Chicago, IL 60618  
**Contact:** Michael W. Hoag  
**Phone:** 773-463-6565  
www.ndtjames.com  
Manufacturer

**Jenny Products, Inc.**  
850 North Pleasant Ave.  
Somerset, PA 15501  
**Contact:** Dan Leiss  
**Phone:** 888-425-3669  
info@jennyproductsinc.com  
www.jennyproductsinc.com  
Manufacturer

**Jetstream of Houston**  
5905 Thomas Road  
Houston, TX 77041  
**Contact:** Ron Felts  
**Phone:** 832-590-1300  
sales@waterblast.com  
www.waterblast.com  
Manufacturer

**Jon-Don**  
400 Medinah Rd  
Roselle, IL 60172  
**Contact:** Ryan Donaldson  
**Phone:** 847-278-2695  
www.jondon.com  
Distributor / Rental Company

**Julbert, Inc.**  
476 Shannon Lane  
Priest River, ID 83856  
**Contact:** Robert Fhuere  
**Phone:** 208-448-4440  
CustomerService@julbertinc.com  
www.julbertinc.com  
Manufacturer / Distributor / Rental Company

### K

**Kee Safety, Inc.**  
100 Stratman Street  
Buffalo, NY 14206  
**Contact:** Darleen Eylers  
**Phone:** 716-896-4949  
info@keesafety.com  
www.KeeSafety.com  
Manufacturer

**Kennametal Inc.**  
2879 Aero Park Drive  
Traverse City, MI 49686  
**Contact:** Customer Service  
**Phone:** 800-662-2131  
k-trvr.service@kennametal.com  
www.kennametal.com  
Manufacturer

**Kraft Tool Co.**  
8325 Hedge Lane Terrace  
Shawnee, KS 66227  
**Phone:** 913-422-4848  
steve@krafttool.com  
www.krafttool.com  
Manufacturer

**KTA-Tator, Inc.**  
115 Technology Drive  
Pittsburgh, PA 15275  
**Contact:** Matt Fajt  
**Phone:** 412-788-1300  
mfajt@kta.com  
www.ktagage.com  
Distributor

### L

**Lesoon Equipment Pte. Ltd.**  
81, Tuas South Street 5  
Singapore, 637651 Singapore  
**Contact:** Leow Kim Hock  
**Phone:** 65-67902900  
enquiry@lesoon.com.sg  
www.lesoon.com.sg  
Manufacturer / Distributor

**Lignomat USA Ltd**  
14345 NE Morris Ct.  
Portland, OR 97230  
**Contact:** Grete Heimerdinger  
**Phone:** 800-227-2105  
sales@lignomat.com  
www.lignomat.com  
Manufacturer

**Lisbon Hoist, Inc.**  
321 South Beaver St., PO Box 462  
Lisbon, OH 44432  
**Contact:** Connie Burlingame  
**Phone:** 330-424-7283  
connie@lisbonhoist.com  
www.lisbonhoist.com  
Manufacturer

**LPI Incorporated**  
4404 Anderson Drive  
Eau Claire, WI 54703  
**Contact:** Joe Conrad  
**Phone:** 800-657-6956  
[sales@lpi-inc.com](mailto:sales@lpi-inc.com)  
[www.lpi-inc.com](http://www.lpi-inc.com)  
Manufacturer

**LS Industries, Inc.**  
710 E. 17th  
Wichita, KS 67214  
**Contact:** Lisa Hargrove  
**Phone:** 316-265-7997  
[sales@lsindustries.com](mailto:sales@lsindustries.com)  
[www.lsindustries.com](http://www.lsindustries.com)  
Manufacturer

**LUCO**  
420 S. Fulton Ave.  
Mt. Vernon, NY 10553  
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[uhlfelder@aol.com](mailto:uhlfelder@aol.com)  
[uhlfelder-goldleaf.com](mailto:uhlfelder-goldleaf.com)  
Distributor

## M

**M&W Shops Inc./ Multi-Vac**  
21209 Durand Ave.  
Union Grove, WI 53182  
**Contact:** Michael Griffiths  
**Phone:** 262-878-4220  
[sales@multivacinc.com](mailto:sales@multivacinc.com)  
[www.multivacinc.com](http://www.multivacinc.com)  
Manufacturer

**Manus Abrasive Systems, Inc./ Mod-U-Blast Mfg.**  
1040 - 78 Avenue  
Edmonton, AB T6P 1L7 Canada  
**Contact:** Robin T. MacLean  
**Phone:** 780-468-2588  
[maclean@manusabrasive.com](mailto:maclean@manusabrasive.com)  
[www.modublast.com](http://www.modublast.com)  
Manufacturer / Distributor / Rental Company

**Marco**  
3425 East Locust Street  
Davenport, IA 52803  
**Contact:** Marco  
**Phone:** 800-252-7848  
[sales@marco.us](mailto:sales@marco.us)  
[www.marco.us](http://www.marco.us)  
Manufacturer / Distributor / Rental Company

**McClung-Logan Equipment Co.**  
4601 Washington Blvd.  
Baltimore, MD 21227  
**Contact:** James Reid  
**Phone:** 401-242-6500  
[jreid@mclung-logan.com](mailto:jreid@mclung-logan.com)  
[www.mclung-logan.com](http://www.mclung-logan.com)  
Distributor

**MES - Nationwide Rentals & Supplies**  
32128 Broken Branch Circle  
Spanish Fort, AL 36527  
**Contact:** Chris Keenan  
**Phone:** 888-281-2643  
[sales@mesrentals.com](mailto:sales@mesrentals.com)  
[www.mesrentals.com](http://www.mesrentals.com)  
Manufacturer / Distributor / Rental Company

**Metallisation Ltd.**  
Pearmtree Lane  
Dudley, West Midlands, DY2 0XH United Kingdom  
**Contact:** Stuart Milton  
**Phone:** 44-1384-252464  
[enquiries@metallisation.com](mailto:enquiries@metallisation.com)  
[www.metallisation.com](http://www.metallisation.com)  
Manufacturer / Distributor / Rental Company

**Michigan Ladder Co.**  
12 East Forest Avenue, PO Box 981307  
Ypsilanti, MI 48198  
**Contact:** Bob Hoernschemeyer  
**Phone:** 734-482-5946  
[bobh@michiganladder.com](mailto:bobh@michiganladder.com)  
[www.michiganladder.com](http://www.michiganladder.com)  
Manufacturer

**Michigan Power Cleaning**  
2101 Palmer  
Kalamazoo, MI 49001  
**Contact:** Bryon Becktold  
[bryonbecktold@gmail.com](mailto:bryonbecktold@gmail.com)  
[www.michiganpowercleaning.com](http://www.michiganpowercleaning.com)

**Midwest Mobile Waterjet**  
555 Bardge Channel Road  
Saint Paul, MN 55104  
**Contact:** Brian Gleeson  
**Phone:** 651-755-7089  
[bgleeson@mmwaterjet.com](mailto:bgleeson@mmwaterjet.com)  
[www.mmwaterjet.com](http://www.mmwaterjet.com)  
Manufacturer

**Mineral Manufacturing Corp**  
10627 Hartslog Valley Road  
Huntingdon, PA 16652  
**Contact:** Jacob Falbo  
**Phone:** 724-875-2512  
[jfalbo@mineralmanufacturing.com](mailto:jfalbo@mineralmanufacturing.com)  
Manufacturer / Distributor

**Mi-T-M Corporation**  
50 Mi-T-M Dr.  
Peosta, IA 52068  
**Contact:** Don Holdridge  
**Phone:** 800-553-9053  
[corp@mitm.com](mailto:corp@mitm.com)  
[www.mitm.com](http://www.mitm.com)  
Manufacturer

**Montipower, Inc.**  
7677 Coppermine Dr.  
Mannassas, VA 20109  
**Contact:** Charles Lockard  
**Phone:** 703-396-8777  
[clockard@mbxit.com](mailto:clockard@mbxit.com)  
[www.mbxit.com](http://www.mbxit.com)  
Distributor

**Mr. LongArm, Inc.**  
400 Walnut, P.O. Box 377  
Greenwood, MO 64034  
**Contact:** Customer Service  
**Phone:** 816-537-6777  
[info@mrlongarm.com](mailto:info@mrlongarm.com)  
[www.mrlongarm.com](http://www.mrlongarm.com)  
Manufacturer

**MST, Inc. (Modern Safety Techniques)**  
11370 Breininger Rd., PO Box 87  
Hicksville, OH 43526  
**Phone:** 800-542-6646  
[sales@modsafe.com](mailto:sales@modsafe.com)  
[www.modsafe.com](http://www.modsafe.com)  
Manufacturer

**Mule-Hide Products Company**  
1195 Prince Hall Drive  
Beloit, WI 53511  
**Contact:** mulehide@mulehide.com  
**Phone:** 800-786-1492  
[mulehide.com](http://mulehide.com)  
Manufacturer

**Munters Corporation**  
79 Monroe Street  
Amesbury, MA 01913  
**Contact:** Courtney Tyler  
**Phone:** 978-241-1100  
[dhinfo@munters.com](mailto:dhinfo@munters.com)  
[www.munters.com](http://www.munters.com)  
Manufacturer

## N

**N.T. Ruddock Co.**  
26123 Broadway Ave.  
Cleveland, OH 44146  
**Contact:** Jim Ruddock  
**Phone:** 440-439-4976  
[sales@ntruddock.com](mailto:sales@ntruddock.com)  
[www.ntruddock.com](http://www.ntruddock.com)  
Distributor

**National Concrete Accessories**  
172 Bethridge Road  
Toronto Ontario , ON M9W1N3 Canada  
**Contact:** Steve Kekewich  
**Phone:** 416-245-4720  
[sales@nca.ca](mailto:sales@nca.ca)  
[www.nca.ca](http://www.nca.ca)  
Manufacturer / Distributor

**Nationwide Overspray**  
PO Box 810513  
Dallas, TX 75381  
**Contact:** 972-243-8882  
**Phone:** 800-345-1269  
[www.nationwideoverspray.com](http://www.nationwideoverspray.com)  
Distributor

**Natrium Products, Inc.**  
58 Pendleton Street, PO Box 5465  
Cortland, NY 13045  
**Contact:** Tim Herman  
**Phone:** 800-962-4203  
[herman@natrium.com](mailto:herman@natrium.com)  
[www.natrium.com](http://www.natrium.com)  
Manufacturer

**Naval & Industrial Solutions**  
Parque Lefevre, Panamá  
Panamá, 0830-01920 Panama  
**Contact:** Jeimy Bernal  
**Phone:** 507-6781-6070  
[jeimy.bernal@nainso.com](mailto:jeimy.bernal@nainso.com)  
[www.nainso.com](http://www.nainso.com)  
Distributor

**Nelson Industrial Services**  
6021 Melrose Lane  
Oklahoma City, OK 73127  
**Contact:** Paul Jackson  
**Phone:** 405-495-9797  
[pjackson@nelsonindustrial.com](mailto:pjackson@nelsonindustrial.com)  
[www.nelsonindustrial.com](http://www.nelsonindustrial.com)  
Manufacturer

**NTI Global**  
50 Willow St.  
Amsterdam, NY 12010  
**Contact:** Sarek Raeburn  
**Phone:** 800-947-7767  
[Sarek@ntiglobal.com](mailto:Sarek@ntiglobal.com)  
[www.ntiglobal.com](http://www.ntiglobal.com)  
Manufacturer

**Nueces Power Equipment**  
PO Box 4789  
Corpus Christi, TX 78469  
**Contact:** Wes Danklefs  
**Phone:** 361-289-0066  
Distributor

**New England Silica, Inc.**  
1370 John Fitch Boulevard  
South Windsor, CT 06074  
**Contact:** Brian Bellody  
**Phone:** 860-289-7778  
[nes1949@aol.com](mailto:nes1949@aol.com)  
[www.newenglandsilica.com](http://www.newenglandsilica.com)  
Distributor

**Newborn Brothers**  
8221 Preston Ct., Suite D  
Jessup, MD 20794  
**Contact:** Tyler Hippen  
**Phone:** 301-604-1500  
[sales@newborncaulkguns.com](mailto:sales@newborncaulkguns.com)  
[www.newborncaulkguns.com](http://www.newborncaulkguns.com)  
Manufacturer

**NGF Canada Limited**  
Glass Flake Division 255 York Road  
Guelph, ON N1E 3G4 Canada  
**Contact:** Ed Malison  
**Phone:** 519-835-6422  
[ed.malison@ngfcanada.com](mailto:ed.malison@ngfcanada.com)  
[www.microglas.com/](http://www.microglas.com/)  
[www.metalshine.com](http://www.metalshine.com)  
Manufacturer

**NLB Corp.**  
29830 Beck Road  
Wixom, MI 48393  
**Contact:** Andrew Chilkiewicz  
**Phone:** 248-624-5555  
[nlbmkgt@nlbusa.com](mailto:nlbmktg@nlbusa.com)  
[www.nlbcorp.com](http://www.nlbcorp.com)  
Manufacturer / Rental Company

**Nordson EFD**  
40 Catamore Boulevard  
East Providence, RI 02914  
**Contact:** info@nordsonefd.com  
**Phone:** 800-556-3484  
[info@nordsonefd.com](mailto:info@nordsonefd.com)  
[www.nordsonefd.com](http://www.nordsonefd.com)  
Manufacturer

**Norton Sandblasting Equipment**  
1006 Executive Blvd.  
Chesapeake, VA 23320  
**Contact:** Robert Kitchen  
**Phone:** 757-548-4842  
[info@nortonsandblasting.com](mailto:info@nortonsandblasting.com)  
[www.nortonsandblasting.com](http://www.nortonsandblasting.com)  
Distributor / Rental Company

**Novatek Corporation**  
700 Schell Lane  
Phoenixville, PA 19460  
**Contact:** Sales Department  
**Phone:** 610-363-7800  
[sales@novatekco.com](mailto:sales@novatekco.com)  
[www.novatekco.com](http://www.novatekco.com)  
Manufacturer

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**Nueces Power Equipment**  
4501 US Hwy. 59  
Victoria, TX 77905  
**Contact:** 361-576-0066  
Distributor

**Nueces Power Equipment**  
5220 Expwy. 281S  
Edinburg, TX 78539  
**Contact:** Edward Dominguez  
**Phone:** 956-702-0066  
ednpowernequip@att.net  
www.nuecespower.com  
Distributor

**Nueces Power Equipment**  
One Industrial Way  
San Benito, TX 78586  
**Contact:** Robert Zohrer  
**Phone:** 956-361-0066  
Distributor

**Nueces Power Equipment**  
8241 S. Desert Blvd  
Vinton, TX 79821  
**Contact:** Steve Donnelly  
**Phone:** 915-541-0066  
Distributor

**NZ Corrosion Services Ltd.**  
37 Eliot St. Central City  
New Plymouth, 4310 New Zealand  
**Contact:** sales@corrosion.co.nz  
**Phone:** 64-6-7581745  
sales@corrosion.co.nz  
www.corrosion.co.nz  
Distributor / Rental Company

**Oak Ridge Foam and Coating systems/  
Franklin Consulting Services, LLC**  
380 Hill Road  
Hilton, NY 14468  
**Contact:** Rich Franklin  
**Phone:** 585-314-4063  
rfran13@aol.com  
www.oakridgepoly.com  
Manufacturer

**Olimag Sands**  
CP 276  
Theford-Mines, QC G6G-5T1 Canada  
**Contact:** Jean-Yves Angers  
**Phone:** 418-338-3562  
jy.angers@olimag.com  
www.olimag.com  
Manufacturer

**Opti-Blast**  
4032 N. Jackson  
Jacksonville, TX 75766  
**Contact:** Chris Howard  
**Phone:** 903-589-0452  
choward@optiblast.com  
www.optiblast.com  
Manufacturer

## P

**P&L Metalcrafts, LLC**  
1050 Ohio Works Drive  
Youngstown, OH 44510  
**Contact:** Bill Schriber  
**Phone:** 330-793-2178  
bill@metalcraftsyng.com  
www.metalcraftsyng.com  
Manufacturer

**The Paint Project, Inc.**  
71 West Street  
Medfield, MA 02052  
**Contact:** Bob Zaffino  
**Phone:** 508-359-8003  
bob@paintproject.com  
www.paintproject.com  
Distributor

**Pangborn**  
4630 Coates Drive  
Fairburn, GA 30213  
**Contact:** Greg Bowers  
**Phone:** 800-638-3000  
info@pangborn.com  
www.pangborn.com  
Manufacturer

**Parker Hannifin- Parflex**  
11151 Cash Road  
Stafford, TX 77477  
**Contact:** Dan Terrill  
**Phone:** 281-566-4500  
dan.terrill@parker.com  
www.parker.com  
Manufacturer

**Paul N. Gardner Company**  
316 NE 1st St.  
Pompano Beach, FL 33060  
**Contact:** Jim Wick  
**Phone:** 954-946-9454  
gardner@gardco.com  
www.gardco.com  
Manufacturer / Distributor

**Pellets, LLC**  
63 Industrial Drive  
North Tonawanda, NY 14120  
**Contact:** Mike Deakin  
**Phone:** 716-693-1750  
mdeakin@pelletsllc.com  
www.pelletsllc.com  
Manufacturer / Distributor

**Persyst Enterprises, Inc.**  
4695 Melvin St.  
Las Vegas, NV 89115  
**Contact:** Mike Lawson  
**Phone:** 702-362-9432  
mike@solvent-recycler.com  
www.solvent-recycler.com  
Manufacturer / Distributor

**Phoenix Equipment**  
4201 Lien Rd.  
Madison, WI 53704  
**Contact:** Keith Hosli  
**Phone:** 608-209-7616  
khosli@thermaste.com  
UsePhoenix.com  
Manufacturer

**Pinnacle Central Co.**  
103 Bryan St.  
Jacksonville, FL 32202  
**Contact:** Billy Porter  
**Phone:** 904-354-5746  
info@pinnaclecentral.com  
www.pinnaclecentral.com  
Distributor / Rental Company

**Pipeline Inspection Company**  
1919 Antoine Dr.  
Houston, TX 77055  
**Contact:** Ashlee Rogers  
**Phone:** 713-681-5837  
sales@spypinspect.com  
www.spypinspect.com  
Manufacturer / Distributor / Rental  
Company

**Pirate Brand**  
2719 Tobey Dr.  
Indianapolis, IN 46219  
**Contact:** Dave Miller  
**Phone:** 800-692-6223  
sales@forecastsalesinc.com  
www.pirate-brand.com/  
Manufacturer

**Polygon US Corporation**  
15 Sharpners Pond Road, Building F  
North Andover, MA 01845  
**Contact:** Summer Street  
**Phone:** 800-422-6379  
summer.street@polygongroup.com  
www.polygongroup.us  
Rental Company

**Porter Warner Industries**  
2 East 38th Street  
Chattanooga, TN 37410  
**Contact:** Randy Smith  
**Phone:** 423-266-4735  
alanrandolphsmith@gmail.com  
www.porterwarner.com  
Distributor

**Potters Industries LLC**  
Malvern, PA 19355  
**Contact:** Customer Service  
**Phone:** 800-552-3237  
CustomerService@PottersBeads.com  
www.pottersbeads.com  
Manufacturer

**Power Climber Inc.**  
365 Upland Drive  
Seattle, WA 98188  
**Contact:** Colby Hubler  
**Phone:** 800-560-2546  
sales@powerclimber.com  
www.powerclimber.com  
Manufacturer

**Pro-Tect Plastic and Supply, Inc.**  
PO Box 1377  
Jacksonville, OR 97530  
**Contact:** Shari Griffin  
**Phone:** 800-889-9727  
sales@pro-tect.net  
www.shrinkwrapcontainments.com  
Distributor

**Pro-Tect Services, Inc.**  
12235 Hwy. 105 East  
Conroe, TX 77305  
**Contact:** Steve Scott  
**Phone:** 713-589-4638  
sales@pro-tectservices.com  
www.pro-tectservices.com  
Distributor / Rental Company

**PTQ Safety**  
8302 Almeda Genoa  
Houston, TX 77075  
**Contact:** Julie Todd  
**Phone:** 713-504-8546  
julie@ptqsafety.com  
www.ptqsafety.com  
Manufacturer

**Pure Safety Group**  
600 E. Sam Houston Parkway S. Ste. 800  
Pasadena, TX 77503  
**Contact:** Tony Coco  
**Phone:** 800-466-6385  
info@puresafetygroup.com  
www.puresafetygroup.com  
Manufacturer

**Q**  
**Q-Lab Corporation**  
800 Canterbury Road  
Westlake, OH 44145  
**Contact:** James Gauntner  
**Phone:** 144-083-5870  
info@q-lab.com  
www.q-lab.com  
Manufacturer

**Quikspray, Inc.**  
PO Box 327  
Port Clinton, OH 43452  
**Contact:** Leah Barker  
**Phone:** 419-732-2611  
leah@quikspray.com  
www.quikspray.com  
Manufacturer

**R**  
**Radians, Inc.**  
5305 Distripex Farms Drive  
Memphis, TN 38141  
**Contact:** Dave Larimer  
**Phone:** 877-723-4267  
sales@radians.com  
www.radians.com  
Manufacturer

**Rapid Prep**  
44 Cross Park Ave.  
North Kingstown, RI 02852  
**Contact:** Mike Hogue  
**Phone:** 877-529-2124  
info@rapidprep.com  
www.rapidprep.com  
Manufacturer / Distributor / Rental  
Company

## RBW Enterprises, Inc.

136 Hillwood Circle  
Newnan, GA 30263  
**Contact:** John Vogel or Steve Meyers  
**Phone:** 770-251-8989  
jvogel@rbwe.com  
www.rbwe.com  
Manufacturer

**RCG America**  
24624 North Interstate 45, Suite 200  
Spring, TX 77386  
**Contact:** Scott Trom  
**Phone:** 832-871-7515  
strom@glassox.com  
www.glassox.com  
Manufacturer

**Remote Orbital Installations, LLC**  
429 Venture Court  
Verona, WI 53593  
**Contact:** Michael Kronz  
**Phone:** 608-845-0360  
mkronz@roi360.com  
www.roi360.com  
Manufacturer

**Resource West**  
2245 Colex Drive  
Grand Junction, CO 81505  
**Contact:** Randall Jochim  
**Phone:** 970-245-7104  
info@resourcwest.com  
www.resourcwest.com  
Manufacturer

**Ring Power Corporation**  
500 World Commerce Parkway  
St. Augustine, FL 32092  
**Contact:** Micah Hughes  
**Phone:** 904-494-1285  
aircompressor@ringpower.com  
www.compressedair.ringpower.com  
Distributor / Rental Company

**Rodeco**  
5811 Elwin Buchanan Drive  
Sanford, NC 27330  
**Contact:** Mark Lawrence  
**Phone:** 919-791-7753  
mark.lawrence@rodeco.com  
www.rodeco.com  
Distributor

**Ronco Protective Products**  
70 Planchet Road  
Concord, ON L4K 2C7 Canada  
**Contact:** Vani Kshatriya  
**Phone:** 905-660-6700  
contactus@roncosafety.com  
www.roncosafety.com  
Manufacturer

**RPB Safety**  
2807 Samoset Road  
Royal Oak, MI 48073  
**Contact:** Kurt Ivory  
**Phone:** 866-494-4599  
kurt.ivory@rpbsafety.com  
www.rpbsafety.com  
Manufacturer

# S

## Sabre Autonomous Solutions

291 Milperra Road  
Sydney, 2212 Australia  
**Contact:** Damian Williams  
**Phone:** 61-297922733  
damian@sabreautonomous.com.au  
www.sabreautonomous.com.au  
Manufacturer

## SAFE Systems, Inc.

18420 68th Ave S., #202  
Kent, WA 98032  
**Contact:** Glenn Seaverns  
**Phone:** 425-251-8662  
info@safesys.com  
www.safesys.com  
Manufacturer / Rental Company

## Safespan Platform Systems, Inc.

252 Fillmore Avenue  
Tonawanda, NY 14150  
**Contact:** David Malcolm  
**Phone:** 800-368-4010  
dmalcolm@safespan.com  
www.safespan.com  
Manufacturer / Distributor / Rental Company

## Safety Lamp of Houston

1816 Rotary Drive  
Humble, TX 77388  
**Contact:** Jim Reeves  
**Phone:** 281-964-1019  
sales@safetylampofhouston.com  
www.safetylampofhouston.com  
Distributor

## Saint Gobain Specialty Grains & Powders

1 New Bond Street, M/S 525-203,  
PO Box 15137  
Worcester, MA 01615  
**Contact:** Ed Reitz  
**Phone:** 508-795-2999  
ceramicmaterials@saint-gobain.com  
www.abrasivematerials.saint-gobain.com  
Manufacturer

## Scangrit

Eastfield Road South Killingholme  
Immingham, DN40 3NF United Kingdom  
**Contact:** Gerry Bourke  
**Phone:** 44-1469-574715  
sales@scangrit.co.uk  
www.scangrit.co.uk  
Manufacturer / Distributor

## SEMicro Div., M.E. Taylor Engr. Inc.

15817 Crabbs Branch Way  
Rockville, MD 20855  
**Contact:** Kellie Taylor  
**Phone:** 301-975-9798  
sales@semicro.org  
www.adhesiontesting.com  
Manufacturer / Rental Company

## Shanghai Murga Steel Abrasives (China)

Suite 1209-1210 Bldg 1- City Center 166 Min  
Hong Road  
Shanghai, 201100 China  
**Contact:** 86-21-5219-88-77  
**Phone:** 86-21-5219-88-77  
Manufacturer

## Shur-Line

4051 South Iowa Ave  
St. Francis, WI 53235  
**Contact:** Peggy Gilliam  
**Phone:** 800-253-7856  
shurline.customerservice@shurline.com  
www.shurline.com  
Manufacturer

## SIBELCO

Noordhoek 7  
Papendrecht, 3351 LD Netherlands  
**Contact:** Jeroen Keswiel  
**Phone:** 31-850644301  
abrasives@sibelco.com  
www.abrasives.sibelco.com  
Manufacturer / Distributor

## Sierra Machinery, Inc.

939 Hawkins Blvd.  
El Paso, TX 79915  
**Contact:** Charlie Ward  
**Phone:** 915-772-0613  
www.sierraelpaso.com  
Distributor

## The Singleton Corporation

3280 W. 67th Place  
Cleveland, OH 44102  
**Contact:** Office  
**Phone:** 216-651-7800  
sales@singletoncorp.com  
www.singletoncorp.com  
Manufacturer

## SJS Equipment LLC

101 Industrial Park Drive  
Arma, KS 66712  
**Contact:** Sheldon Bicknell  
**Phone:** 620-347-8860  
sheldon@sjscinc.net  
www.sjscinc.net  
Manufacturer

## Sky Climber, LLC

1800 Pittsburgh Drive  
Delaware, OH 43015  
**Contact:** Todd King  
**Phone:** 740-203-3931  
info@skyclimber.com  
www.skyclimber.com

## Smith Surface-Prep Solutions

2504 NW 19 Street  
Pompano Beach, FL 33069  
**Contact:** Richard Kstiewicz  
**Phone:** 800-653-9311  
salesteam@smithmfg.com  
www.smithmfg.com  
Manufacturer

## Solvent Kleene, Inc.

119 Foster St. Bldg. #6  
Peabody, MA 01960  
**Contact:** Bob Sprei  
**Phone:** 978-531-2279  
sales@solvetcleene.com  
www.solvetcleene.com  
Manufacturer

## Solvent Waste Management, Inc.

8103 Spring Cypress  
Spring, TX 77379  
**Contact:** Bill Palamountain  
**Phone:** 281-379-3666  
swm@solvetcleene.com  
www.solvetcleene.com  
Manufacturer

## Southern Equipment Distribution, LLC

356 EMS Tower Road  
Woodbine, GA 31569  
**Contact:** Shannon Reifsnyder  
**Phone:** 912-882-7803  
sesdistribution@tds.net  
www.southernequipmentdistribution.com  
Distributor

## Southern Industrial Supply, Inc.

4216 Westcap Rd  
Whites Creek, TN 37189  
**Contact:** Steven Wadsworth  
**Phone:** 800-202-3820  
office@southern-industrial.com  
www.southern-industrial.com  
Distributor / Rental Company

## Specialty Vacuum Inc.

4533 Green Park Road  
St. Louis, MO 63123  
**Contact:** Noel Prudent  
**Phone:** 800-448-2801  
vacitall@aol.com  
www.specialtyvacuum.com  
Rental Company

## Speed Painting Inc.

11641 Indian Hill Rd.  
Amarillo, TX 79124  
**Contact:** Dustin and Chrystene Speed  
**Phone:** 806-355-4360  
info@speedpainting.com  
www.speedpaintingtools.com  
Manufacturer

## Spider By BrandSafway

365 Upland Dr.  
Seattle, WA 98188  
**Contact:** Spider  
**Phone:** 877-774-3370  
spider@spiderstaging.com  
www.spiderstaging.com

## Spin Import Export

Calea Ferentari Nr 135  
Bucuresti, 51857 Romania  
**Contact:** 40-722258552  
**Phone:** 40-214561226  
office@pardoseli-industriale.com  
www.sisteme-industriale.ro  
Distributor

## Sponge-Jet, Inc.

14 Patterson Lane  
Newington, NH 03801  
**Contact:** Michael Merritt  
**Phone:** 603-361-7950  
sjadmin@spongejet.com  
www.spongejet.com  
Manufacturer

## Spray Equipment & Service Center

311 S. Pattie St.  
Wichita, KS 67211  
**Contact:** John Goodman  
www.sprayequipment.com

## Spray Pump Services, LLC

719 E. Pearce  
Baytown, TX 77520  
**Contact:** Loretta Crow  
**Phone:** 281-422-0319  
loretta@spraypumpservices.com  
www.spraypumpservices.com  
Distributor

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### Spray Pump Services, LLC

719 East Pearce St.  
Baytown, TX 77520  
**Contact:** Jason Lemon  
jason@spraypumpservices.com  
[www.spraypumpservices.com](http://www.spraypumpservices.com)  
Distributor / Rental Company

### Spraytech, Inc., Global Spray Solutions

15179 West Hwy 54  
Wichita, KS 67235  
**Contact:** Dave Calvin  
**Phone:** 316-943-3700  
dcalvin@globalspray.com  
[www.globalspray.com](http://www.globalspray.com)  
Manufacturer

**Stone Tucker Instruments Inc.**  
51 Scott Street West  
St. Catharines, ON L2R 1E2 Canada  
**Contact:** Tyler Heywood  
**Phone:** 905-688-5800  
info@stone-tucker.com  
[www.stone-tucker.com](http://www.stone-tucker.com)  
Distributor

**Strategic Materials Inc.**  
17220 Katy Freeway  
Houston, TX 77094  
**Contact:** Sales  
**Phone:** 866-775-6226  
abrasives@strategicmaterials.com  
[www.truabrasives.com](http://www.truabrasives.com)  
Manufacturer

**Sullivan-Palatek, Inc.**  
1201 W. US Hwy. 20  
Michigan City, IN 46360  
**Contact:** Tom Viskniskki  
**Phone:** 219-874-2497  
tviskniskki@palatek.com  
[www.sullivan-palatek.com](http://www.sullivan-palatek.com)  
Manufacturer

**Sulzer Mixpac**  
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Manufacturer

**Sulzer Mixpac USA Inc.**  
8181 Coleman Road  
Haslett, MI 48840  
**Contact:** Kari Holcomb  
**Phone:** 800-822-8114  
aps\_haslett\_sales@sulzer.com  
[www.coxdispensers.com/us](http://www.coxdispensers.com/us)  
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**Phone:** 847-541-5700  
anewman@sunnysidecorp.com  
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**Super Titan Company**  
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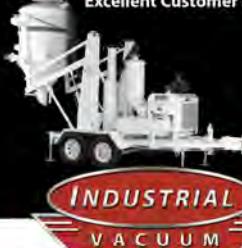
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## CALENDAR

JULY 2020

**SSPC COURSES:** Course information available at [sspc.org](http://sspc.org)

July 7-8	C7 Abrasive Blast, Columbus, OH	July 14-17	CCAS Conc Ctg App Spclst, Portland, OR
July 9-10	C12 Spray App, Columbus, OH	July 15-16	C12 Spray App, Zephyrhills, FL; Portland, OR
July 13-14	C7 Abrasive Blast, Zephyrhills, FL; Portland, OR	July 20-23	C3 Lead Pt Removal, National City, CA
July 13-17	CCI Conc Ctg Insp, Houston	July 21	CAS Ctg App Spclst, Pittsburgh
July 13-25	PCI Prot Ctgs Insp, Singapore	July 24	C5 Lead Pt Refresher, National City, CA

## HIGHLIGHTS FROM THE WEBINAR ARCHIVE

The PaintSquare webinar archive was recently updated to include new recordings of webinar broadcasts of educational topics in the coatings industry. Here are a few selections for the industrial coatings realm.

### AN UNDERSTANDING OF TODAY'S WET ABRASIVE BLASTING EQUIPMENT

This webinar was originally broadcast in April 2019, and provides an overview of the two main types of wet abrasive blasting: water injection and fluidized abrasive blasting. It was sponsored by Graco Inc. and presented by Bryce Gapinski, Product Manager of EcoQuip Abrasive Blasting Equipment at Graco.

### SERVICE ENVIRONMENT: WHAT COATING SHOULD I USE?

This webinar, originally broadcast in April 2017, discusses one of the first steps in coating selection: evaluating the coating's service environment. Presented by Thomas W. Higginbotham, Training Manager

for PPG Protective and Marine Coatings, and sponsored by PPG, this webinar was a part of the 2017 JPCL/SSPC Webinar Education Series, which provided continuing education for SSPC recertifications and technology updates on important topics.

### PRODUCT PROFILE WEBINAR: HOW TO SELECT AND OPTIMIZE ABRASIVE BLASTING EQUIPMENT

Originally aired in October 2017, and sponsored by Graco Inc., this presentation by Graco's Eric Rennerfeldt, Product Manager, Protective Coatings Equipment, discusses the factors that should be considered before purchasing an abrasive blasting machine as well as how to choose the right hose, nozzle and compressor for a wide range of jobs.

To view these and other archived webinars, visit:  
[paintsquare.com/webinars](http://paintsquare.com/webinars)

## PAINT BY NUMBERS

### \$5 Million

The total revenue required to recover from a \$60,000 loss on \$10 million in revenue in the case of a workplace injury or incident.

See page 10.

### 20

College students who have been awarded \$2,500 scholarships as part of SSPC's 2020 Scholarship Program.

See page 5.

### 330

The number of companies with product listings in the 2020 JPCL Equipment Buying Guide, which helps readers identify equipment and supplies for protective coatings work.

See page 19.

### 16-20 Weeks

The estimated duration of a project involving recoating of a large conveyor structure at a Midwestern fertilizer distribution facility; the owner employed an offsite, third-party quality assurance inspector to track the contractor's daily quality control reports.

See page 6.

### 5

SSPC standards committees scheduled to begin periodic review and revision of their associated consensus documents starting in the summer of 2020.

See page 4.

### 15-25 Years

The potential life-cycle extension of coated wind energy equipment that can be achieved by applying an extra 40  $\mu\text{m}$  [1.6 mils] of coating to the structure, per ISO 12944, Part 5.

See page 14.

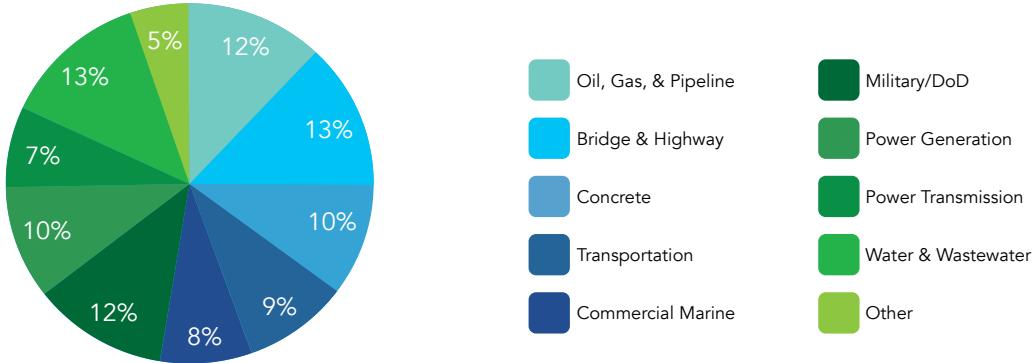


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