CELCO
CENTRAL ELECTROPOLISHING CO., INC.

CELCO Blast

VOLUME 2 ISSUE 2 JULY 2017

FEATURE:

CELCO CEO Recognized as Kansas Small Business Person of the Year by SBA

CELEBRATING 30 YEARS IN BUSINESS
30 YEARS

INSIDE THIS ISSUE:

CELCO CEO Recognized as Kansas Small Business Person of the Year by SBA

Ken Bellesine, the CEO and founder of CELCO was treated to quite an honor this last business quarter by being nominated and selected as the Kansas Small Business Person of the Year by the Small Business Administration (SBA). In May, Ken and his wife, Charlene were privileged to attend a ceremony in Washington DC, where Vice President Mike Pence delivered an address in celebration of the achievements of each state SBA winner. Ken was recognized with a commemorative trophy by Linda McMahon, the United States Administrator of the Small Business Administration and even had the opportunity to share a table and conversation with her at the corresponding luncheon. CELCO's CEO began his journey to this moment in the 1950's working for General Dynamics where he served for 14 years as a Design Specialist and Senior Aerosystems Engineer as well a 2 year period working with Boeing. Ken found that once he was "Promoted" to a desk job away from his team on the shop floor, the passion brought about by solving engaging problems, that he once enjoyed, was fading. In pursuit of a new adventure, Ken cashed in his retirement, sold his home and moved his family to Kansas where he started a small farming operation east of Anthony, Kansas in 1970. The farm grew over time to include 4,200 acres of land that was owned, leased, rented and farmed. At the time wheat was the primary harvest crop and Bellesine farms also built up a rather large herd of Registered Polled Herford cattle. In 1985 Ken discovered a company in Houston, Texas that was utilizing a process called Electropolishing and was instantly drawn in with interest and compelled by the possibilities he envisioned for the process. After unsuccessfully pursuing funding for the launch of an electropolishing business in Kansas from a few different sources, Ken applied for an SBA loan through the Wichita, Kansas SBA office. Clayton Hunter who was serving as the SBA Director at the time was intrigued by the process as well and urged Ken to provide research driven data on other firms providing this service in a profitable manner. Soon after it was established that electropolishing was a viable service offering, Ken was awarded a six figure SBA 7 (a) loan to start what is known today as CELCO. With some help from the Economic Development Board of Anthony, Kansas to construct CELCO's first building on a lease to buy term, CELCO was open for business in November of 1986. The company's very first client was Koch Industries as they required electropolishing service to be performed on their static mixer components and the close proximity of the new Kansas location opened the door for Ken to prove CELCO's ability to deliver quality. Business grew from there to include fittings used in microprocessors which led to future work with companies like Intel, IBM and AMD. The diversity of clients that CELCO has served over years from those early days include everything from water filtration and food processing to pharmaceutical and aerospace applications amongst others. Ken would tell you that the thing he has enjoyed the most about his experiences over the last few months is getting to visit with and hear stories from all the other business owners.

Diruneutra - Derouging & Passivation

300 Series stainless steel such as 304 and 316 is common in our industry and it is used for many applications. When one considers that even 316 SS has an iron balance of 62-69% it is not surprising when wetted internal surfaces develop an iron rouge over time. This is a common problem for equipment and systems utilizing components such as pipe, pumps and tanks that consistently handle chemicals even as simple as WFI water. The rouge deposits and compromised passive surface layers of these components can be restored with conventional procedures, but CELCO would like to suggest another highly effective method which is less aggressive and more environmentally friendly. Diruneutra Derouging and Passivation is a new CELCO service offering that is simple and yields numerous benefits over conventional passivation and derouging methods used on more sensitive surfaces such as pharmaceutical applications. Diruneutra is more than capable of restoring surfaces that are covered over with (Type 1) mobile/unstable red/brown hematite and (Type 2) adherent/unstable red/brown hematite rouges. All chemical components used in this new process begin and remain pH neutral and due to their affinity towards iron only, heavy metals from equipment surfaces are not removed, resulting in an effluent by product that is non-hazardous and can be safely and legally introduced to onsite drains directed to local municipalities. System damage such as etching and degradation of elastomer pump seals and system gaskets that are sometimes a concern with conventional passivation methods are not a factor for Diruneutra. Safety is another benefit to the chemistry of this process stemming from its neutral pH and non-hazardous characteristics. Job hazard/safety analysis for a Diruneutra derouging and passivation process is very minimal and the risk to employees and equipment is practically non-existent. Not only is this process highly effective in removing iron based rouge, but it also restores passivity to the newly exposed stainless steel surfaces while simultaneously sanitizing it through the use of hydrogen peroxide as an oxidizer. In many cases the base chemical concentrate volume required for the job is small enough to fit into a standard carry bag or suitcase. Time involved from the beginning of the process chemical reaction to desirable results is generally between 30 minutes and 4 hours depending on the thickness of the rouge layer. All of that to say that in many cases where a very aggressive pickle/passivation process is not required, Diruneutra can be a superior option with regard to both performance and cost effectiveness. If you think you may have a project that would be a good candidate for Diruneutra Derouging and Passivation, feel free to give us a call using the contact information found on the back of this newsletter.

"CELCO would like to suggest another highly effective method which is less aggressive and more environmentally friendly."

July - CELCO Employee Feature - Gina Shellhamer

The employee feature for this issue of the CELCO Blast is Gina Shellhammer. As the Project Manager for CELCO, Gina is directly involved with every client order that passes through CELCO. She tracks every order from the time it arrives up until it ships out to ensure that our customers receive the service they have requested. If you happen to call the main line to our administration building, it is highly likely your first point of contact will be with her. Gina has been a consistent and stabilizing force in the CELCO administrative office since 1996 and years of experience makes her a go to person when it comes to seeking answers to customer concerns. Growing up on a local family farm, Gina knows how to work hard and she approaches her work with a strong work ethic. Knowing that so many other key CELCO personnel rely on the foundational work that she does, Gina reliably performs the ground work for each new business day and is often the last person to leave our facility for the day. In her personal time she enjoys working in the yard and time with close friends. Another interesting project she has been involved with over the years is the restoration and showing of an antique Ford that has been in the family for generations. Recently, we received exciting news of her engagement to be married which will change her last name to Dearborn after this coming November. We are very fortunate to have been able to keep Gina on our staff for all these years.

Project Highlight - Martin Blank Art

Every now and then we get to work on a project that is a little iconic in nature. These jobs are fun because it provides an opportunity to point to something you have done that everyone has access too. Our President, Steve Bellesine and Gary Jacobs one of our Managers who deals with sales for CELCO recently attended the INTERPHEX conference in New York City. While they were in the big city they had the opportunity to visit a few of the hallmark sites near the Times Square area. The art piece shown in two of these pictures is a series of stainless steel tubes and fittings electropolished by CELCO and used to support glass art structures. This art piece was designed and constructed by Martin Blank Studios and arranged outside of the Four Seasons Hotel located near Trump Tower. The glass pedals usually have streams of water flowing from them when weather temperatures allow it. The stainless steel portion must maintain a high passivity to prevent rust oxidation

that is possible on any stainless steel surface, so electropolishing is an important application to preserve a pleasing aesthetic. The center picture shows Steve Bellesine standing next to the standing art structure during the visit. The Hotel

itself is a gorgeous place in a beautiful part of the city so it is neat to have a little piece of CELCO located there.

CELCO
CENTRAL ELECTROPOLISHING CO., INC.

CELCO

www.celcoinc.com

103 N Lawrence
Anthony, KS 67003

Phone: (620) 842-3701
Fax: (620) 842-3208
E-mail: Info@celcoinc.com

- Electropolishing
- Passivation
- Oxygen Cleaning
- Aqueous Cleaning & Degreasing
- Mechanical Finishing
- Mobile Services

ISO 13485:2003 CERTIFIED · ISO 9001:2008 + AS9100C CERTIFIED · ENVIRONMENTALLY FRIENDLY COMPANY · SATISFACTION 100% GUARANTEED · CELEBRATING 30 YEARS IN BUSINESS 30 YEARS

Aqueous Cleaning & Degreasing

Do you work with high volume quantities of smaller parts that require the removal of contaminates such as grease, oil, debris, wax and organic compounds? CELCO's automated aqueous cleaning and degreasing service may be a cost effective solution. Our automated line utilizes various detergents to clean components under a heated de-ionized or potable water rinse followed by drying via pressurized air knives to eliminate water spotting. Aqueous cleaning and degreasing is designed to offer the best cleaning to materials that are not compatible with acidic chemical processes such as electropolishing or passivation. Some of the benefits to the automated process include.

- Less Part Handling
- Rapid Turn Around Times
- Maximum Results with a Reduction of Human Error *(Re-Contamination)*

CELCO's automated conveyor drive system is capable of feeding parts 24" wide and up to 6" tall into a closed, self contained cleaning environment to protect against recontamination. We can also offer many options for cleaning medium including a variety of detergents and water specifications. CELCO also offers non-automated cleaning services for industries spanning from Aerospace, Medical and Pharmaceutical to Oxygen Cleaning, Water treatment and Food/Beverage. Contact CELCO today to see if your project could benefit from this service.