SFEA
Surface Finishers Educational Association
929 Newhall St., Costa Mesa, CA. 92627

December 2019 Educational Dinner Meeting

Date: **Thursday, *December 12th*, 2019**

Where: **Jagerhaus Restaurant**
An Authentic German Restaurant
2525 E. Ball Rd.
Anaheim, CA. 92806
(714) 520-9500

For map
Click icon above

Time: **5:30PM Hor d' oeuvres**
6:30PM Play " Faraday"
7:00PM Dinner
8:00PM Gifts & Prizes

"Faraday – A Surface Finishing Miracle"

Starring: Ed Kanegsberg, BFK Solutions as Michael Faraday
Written and Produced by Steve Norris, Plasma Technology Inc.

It's London,1825. Prospects are dire for manufacturing and surface finishing (So, what else is new?). Michael Faraday, the newly-appointed Laboratory Director of the Royal Institution, sees amazing promise for the new science of electrochemistry. What's missing? Confidence and funding– that's what. Hear the "experimenting philosopher" convince you, London, and the world of the promise of modern surface finishing. See Faraday perform live demonstrations of electrochemistry. Before podcasts, before TED lectures, the Faraday Christmas lectures moved the world to the future –they still do. See how it all began.

Dinner

Cost: **$30.00 For Reserved Dinners**
$35.00 For Walk-ins

Dinner cost includes complementary tea and/or coffee with desert.
You may run a tab for Beer or Wine: before...during... and after the meeting.

Menu: **A SMORGASBORD OF DELECTABLE GERMAN STYLE CUISINE**
Make Dinner Checks out to: SFEA

Please RSVP by Clicking the Link to the Right → Click to RSVP

OR

Reservations: ***Please call or email in your reservation by December 9th***

To: Kathy Petruna **Ph: (714) 273-9071** **email: kpetruna@gmail.com**

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2019/2020 CALENDAR OF EVENTS

Upcoming SFEA Educational Dinner/Meetings

	Speaker	*Topic*
January 9	***Greg Doomanis*** from GPD Business Consulting	***Building Your Manufacturing Business***
February 13	**Frank Altmayer** from AESF/NASF	**"CASS and Other Accelerated Corrosion Tests (Russian Mud, Corrodkote, Acetic Acid etc.)"**
March 12	***Dustin Lysiak.*** from Optiforms	***"Precision polishing of metal components and coatings"***
April 9	***Alicia Moreno,*** from Alum-A-Coat Anodizing	***"Parts Handling In Electroplating - Rack, Barrel, Hoist, Hand-Wire"***
May 14	***Frank DeSilva*** from ResinTech.	**Using Resins in Metal Finishing Process**

Barbara Kanegsberg (Program Chair) along with the rest of the SFEA board members, have completed the 2019/2020 speaker list. We strive to find interesting and educational topics and knowledgable speakers that will bring a message to benefit you and your business. You can help by….Letting us know if there is a topic you would like to hear someone speak on …OR…maybe you or someone you know would like to speak next year. ***(Speakers get their dinner comped !!!)***

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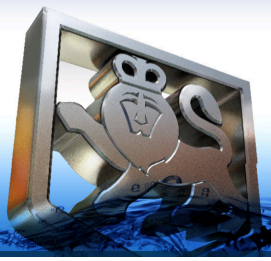

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NASF Washington Forum

April 20-22, 2020 I Ritz-Carlton, Pentagon City I Washington, D.C., Virginia

Washington Forum allows participants to gain valuable insights on the latest news and challenges that impact the surface finishing industry. Forum participants gain insight from industry experts during 8 hours of sessions, and share their views directly with Senators, Representatives, and Congressional Staff.

This event is one of the most impactful things the finishing industry does each year to help move technology forward and establish positive working relationships with regulatory officials.

MFASC *Continuing Education Seminars*

Steven's Steakhouse
5332 E. Stevens Place, Commerce, CA
3:00-5:00

Click Here for the Southern Chapter Events

For MFASC meeting information call:
MFASC Headquarters—
Veronica Anderhalt - (818) 238-9590

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REGISTER NOW for these upcoming dates:

Monday, January 27, 2020

Tour of WRD Albert Robles Center for Water Recyling & Environmental Learning Wednesday, Feb. 26, 2020

10:30 am: WRD Intro Presentation
11:00 am: Tour of ARC Advanced Water Treatment Facility
11:45 am: Lunch Meeting
1:00 pm: Adjourn

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Click Here to Check it out!

The ***SFEA*** website is up and running, but we could still use your input …. so Please contact our web master **Kathy Petruna** 714-969-1413 or **kpetruna@gmail.com** with any thoughts, ideas or info to make this a better and more useful site for you.

Help make this site something that everyone can benefit from.

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Optiforms
909-263-2585
doug@optiforms.com

Vice President & Publicity Chairman
Kathy Petruna
Sirco Industrial, Inc.
714-969-1413
kpetruna@gmail.com

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barbara@bfksolutions.com

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THE "Surface Finishers Educational Association" LIBRARY is here to serve you.

The library location has been moved to Technic 1170 Hawk Circle, Anahiem, CA. 92807

You can check out material by contacting any of the Officers. ***(see page 2 for list of Officers)***

Anyone wanting to see the library list ... please go to the website www.sfeasc.org and click on the library page. You can also download a pdf file of the library list while you're there.

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An article published in the
Products Finishing Magazine.

Get to Know Cleanliness Standards

With a small amount of practice, it is possible to understand the underlying motivation of a cleaning standard and to figure out the specific aspects of the specification that are applicable to the customer.

ED & BARBARA KANEGSBERG
Cleaning Consultants , *BFK Solutions*

Mention "standards" and people's eyes glaze over. One colleague claims to ignore all references to standards in contracts. This is not wise. Understanding and complying with cleaning standards is essential in the event of an audit and to avoid liability. There are also nonpunitive benefits to understanding standards.
One common question goes something like, "Why can't there be a single cleanliness standard? Every customer wants us to comply with a different one." There are reasons for the abundance of specifications. For one thing, there are different types of soil. Common surface residue is often classified as thin film, particulate or mixtures of the two. Residue may be organic, inorganic or biologic based. In enclosed systems, volatile residue can be a problem. Acceptably low residue (of whatever type) depends on the application. Depending on the product, specific residue may damage the surface, interfere with surface finishing, interfere with assembly or compromise product performance. Some products have a low tolerance for particles, while others are sensitive to thin-film residue. Some thermal spray processes are readily compromised by organic residue, but can tolerate particulate residue left from, for example, aluminum oxide grit blast. Standards associated with implantable medical devices address avoiding undesirable interaction of residue with the body.

Standards do not spring up in a vacuum. Standards are reflective of the era when they were written, geography, language and the competing agendas of the people on the standards committees. People generally don't sit through standards development meetings for their health. There are motivations for the standard and the impetus is often a crisis. The crisis can be aesthetic issues, environmental requirements, coating failure, product failure or accidents. While some product cleanliness standards are applicable to a range of applications, others are specific. Parallel, but not identical, cleanliness standards can be found in medical, electronics, aerospace, semiconductor and food processing. The technical terminology is often unique to the field. The issues of concern may be field specific and people in different fields don't necessarily talk to each other. The bottom line is that a single, universal cleanliness standard is unlikely.

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Why It's Important for Manufacturers to Keep Up with Technology

Posted by Steven Brand

Technology is evolving at an astonishing pace, changing the way we live and the way we do business. Of course, it's not just Silicon Valley tech companies that need to keep up with these advancements. Today, businesses big and small, across all industries, need to prioritize technology in order to effectively compete, keep operations running efficiently, and deliver greater value to customers. Manufacturers that allow themselves to fall behind simply enable others to step up and steal their customers, and potentially their entire business.

Five Ways Technology Helps Manufacturers

Technology Creates Differentiation

Technology advances usually start slow as early adopters test the waters, gain momentum as others catch on, and then take off like a rocket when it becomes the norm. While many manufacturing technologies involved in the Fourth Industrial Revolution were once only affordable for industry giants, many of them have "taken off," becoming increasingly available to small and medium-sized manufacturers (SMMs) as their price goes down. Whereas large manufacturers are often the early adopters, they may wind up investing in technology they don't need or that ultimately doesn't suit their business, taking a loss; SMMs, on the other hand, which usually adopt technology later when it's more affordable, have the ability to pick and choose what technologies make sense for them based upon the experiences of others. By investing only in the technologies that can benefit them, SMMs are able to save money and improve their value proposition to customers and potential customers, differentiating their unique product or service from the masses.

Technology Builds Customer Loyalty

The right technology improves the customer experience by helping manufacturers improve their processes and communicate with their customers. Some of this technology may be customer-facing, such as using intelligent online chatbots to quickly assist customers with common questions or concerns, or developing a better online inventory portal so customers can see what is available to them. Other technologies will be internal, yet ultimately benefitting the customer, such as using data analytics to gain deeper insight into their needs, or using additive manufacturing to produce small batches of a customized product for specific customers.

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