



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

Educational Meetings

We will not have an October Meeting.

The Next meeting for the SFEA will be
November 10th, 2022

Date: **Thursday, *November 10th*, 2022**

Where: **Mama Cozza's Restaurant**
An Italian Restaurant
2170 West Ball Road
Anaheim, CA. 92804
(714) 635-0063



Time: **5:30 PM Attitude Adjustment**
6:30 PM Dinner Buffet
7:30 PM Speaker

More details will be forth coming as we approach November.

November Topic: "Challenging Times for Surface Finishers"

Speakers: Geoff Blake from Client Services
& **Barbara Kanegsberg** from BFK Solutions

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2022/2023 CALENDAR OF EVENTS

Upcoming SFEA Educational Dinner/Meetings

| <i>Date</i> | <i>Speaker</i> | <i>Topic</i> |
|---|---|--|
| <i>September 8 (Zoom)</i> | <i>Available on the SFEA website</i> | |
| <i>October 13 (There will not be an October Meeting)</i> | | |
| <i>November 10 (In Person)</i> | <i>Geoff Blake from Client Services</i> | <i>“Challenging Times For Surface Finishers”</i> |
| | <i>& Barbara Kanegsberg from BFK Solutions</i> | |
| <i>December 8 (In Person)</i> | <i>Steve Norris Production of“Madame Curie”</i> | |
| | <i>Staring Bonnie Copeland as Madame Curie</i> | |
| <i>January 12</i> | <i>Alicia Moreno</i> | <i>“Parts Handling In Electroplating -</i> |
| | <i>From Chrome Plating USA</i> | <i>Rack, Barrel, Hoist, Hand-Wire”</i> |
| <i>February 9</i> | <i>Coming Soon</i> | |
| <i>March 9</i> | <i>Coming Soon</i> | |
| <i>April 13</i> | <i>Coming Soon</i> | |
| <i>May 11</i> | <i>Coming Soon</i> | |

Barbara Kanegsberg (Program Chair) along with the rest of the SFEA board members, are hard at work lining up the 2021/2022 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...if you or someone you know would like to be a speaker for next year let us know!

HURRY!! HURRY!! HURRY!!

Put in for your **2022/2023**

Interactive SFEA Vendor & Sponsor Ad for both the Newsletter and the Website

The cost is just \$100.00 for the year.

Ads run from Sept 2022 through Aug 2023

If you wish to place an ad just fill out the company info and attach a check.

Invoice on last page of newsletter.

Please mail the invoice and check to SFEA at:
929 Newhall St., Costa Mesa, CA. 92627

**As soon as we receive your payment
your ad will go into the newsletter!!!**

**Newsletter Placement is Dictated by Payment Date
(First come first serve.)**

**Send all ad info/ad format or (jpeg) to Kathy Petrana
kpetruna@gmail.com**

Kathy will be happy to work with you on your ad format.

For all of you wishing to sponsor the SFEA and help keep educational meetings going, **Please** go to the last page of this newsletter, print, fill out the invoice, attach a check and mail to SFEA at: 929 Newhall St., Costa Mesa, CA. 92627

<<<<<<<< See announcement to left

(Those of you who paid for more than one year sponsorship may ignore this announcement.)

Newsletter/Website Sponsor Ads

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There is always room for one
more. Get your ad into the SFEA
Newsletter and Web Page.
Invoice on last page of
Newsletter.



offers

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[Click to learn about educational opportunities](#)

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



Help Secure the Future!

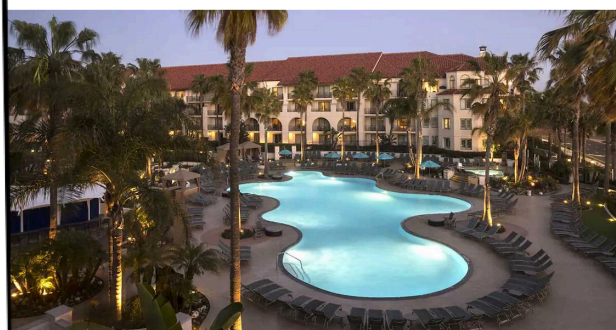
Industry Leaders Supporting
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Join TODAY

For details [NASF.org/contribute](https://www.nasf.org/contribute)



MFA
METAL FINISHING ASSOCIATION
OF CALIFORNIA MFASC | MFANC



SAVE THE DATE! MFASC ANNUAL FALL OUTING

Hyatt Regency Huntington Beach
Resort and Spa | October 7 - 9, 2022



2023 June 6-8
Cleveland, Ohio



SUR/FIN 2023

Join us for three days of informative programs, and activities from **June 6-8, 2023 in Cleveland, Ohio.** Registration Coming Soon. For more information on exhibiting or sponsorships contact Alan Goodin at AGoodin@kellencompany.com.



Training & Education Update

Home-Study Program

[Click Here for more information](#)

In person Classes

WebBased Courses



California Manufacturing Technology Consulting

A non profit dedicated to improving the manufacturing community in souther California www.cmtc.com

Check out how the CMTC programs and find out how they can help your business:

[Made in CA Program](#)

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California Resource Management Association

RCRA/DOT HAZMAT TRAINING

RCRA/DOT HAZMAT Training Course sponsored by the California Resource Management Association.

For Generators who Manage Hazardous Waste / Sign Manifests, Drivers, Loaders (90-day, 180-day area).

This 1-Day class informs students of the current regulations pertaining to hazardous materials and waste. Students will also be informed of the new post 9/11 DOT security regulations HM-232. Class includes Waste Management for employees working in the "90-Day" area.

[REGISTER NOW](#) for these upcoming dates: LIMITED

SPACE available **Monday, November 7th, 2022**

EMAIL FOR INFORMATION info@calrma.com

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paul@sircoindustrial.com

Want Ads

***Anyone wishing to post a want ad, please
email me all pertinent information.***

kpetruna@gmail.com

**Need a Job? Have a position to fill?
Need to sell or buy used equipment?**

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Check out the SFEA Web Site!!!



www.sfeasc.org

[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.

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.

Just a ?

Do you know anyone who should be on the SFEA newsletter mailing list?

Send me their email address to kpetruna@gmail.com and I'll make sure they get all the mailings.



<http://www.pfonline.com>

An article published in the
Products Finishing Magazine.

Automobile Electrification and Heat Exchange

BILL MORTON, CIRCLE-PROSCO INC.

Chemical cleaning and passivation improves battery cooling and reliability in new energy vehicles.

Electric and other new energy vehicles (NEVs) are commanding an increasing proportion of the research and development and manufacturing investment in the automotive industry. With this new attention comes new requirements for Tier 1 Component Manufacturers. NEVs require a sophisticated cooling system of high-performance aluminum heat exchangers due to a different set of risks from the battery pack. At the same time, automotive OEMs are imposing new specifications for durability and longer service lifetimes.

In an internal combustion engine (ICE) vehicle, risk of failure mainly comes from the fuel tank, fuel plumbing, and engine. In the new energy vehicle, the highest risk comes from the possibility of cascading chemical reactions within overheated battery cells. Vehicle testing and field reports have found instances of cooling failure when heat exchanger channels are plugged into the radiator water-glycol loop, degrading system efficiency.

In vehicles with a large battery cell, temperature maintenance is achieved with a variety of techniques, including sophisticated temperature monitoring and energy usage software systems, which rely on functioning cooling hardware. Chief among these is the water-glycol cooling loop using the radiator, but a secondary method is use of the refrigerant loop used for cabin cooling. A new cooling plate is employed under the battery cells. The heat dissipating heat exchangers are similar in design to current ICE models and typically manufactured with the same production methods.

[Click here to read full article](#)



www.cmtc.com

California Manufacturing Technology Consulting

A non profit dedicated to improving the manufacturing
community in souther California

Intro to the AS9100 Standard

If you're a small or medium-sized manufacturer (SMM) working in the aviation, aerospace, or defense industry — or if you're planning on breaking into this sector — it can be difficult to achieve a comprehensive understanding of the regulatory standards that govern this niche.

This is especially true for the AS9100 Standard, a particularly stringent certification that, while not required for all SMMs in the space, can provide significant advantages to industry players.

This blog will serve as a general overview of AS9100. We'll explore the standard, the quality management system (QMS) manufacturers will have to build, the benefits of certification, basic steps in the certification process, and more.

What is AS9100?

So, what is AS9100? [AS9100](#) — also known as AS9100D, the most recent update to AS9100 from 2016 — is a unique, rigorous set of standards that govern some aerospace, aviation, and defense manufacturers.

The International Aerospace Quality Group (IAQG), along with industry representatives from around the world, developed the standard for a variety of reasons:

- To standardize quality and QMSs in the industry
- To encourage safe development, production, and sale of parts
- To improve overall quality and optimize manufacturers' costs

AS9100 expands upon the principles of another, more general certification — [ISO9001](#).

[Click here to read full article](#)

DATE: / /2022

Invoice No.:

2022/2023

NEWSLETTER

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Mail Invoice and check to:

SFEA
929 Newhall St.
Costa Mesa, CA. 92627

Questions regarding this invoice, contact

Kathy Petruna @ 714-273-9071 or
[*kpetruna@gmail.com*](mailto:kpetruna@gmail.com)