

MARCH 2020, ISSUE 10

# Industry Insights

*The Australasian Institute of Surface Finishing*



## President's message

To All AISF Members and Industry Stakeholders,

Now that 2020 is well under way, albeit a very rocky start, first the Bush fires, now the Coronavirus (COVID-19) moving Australia and the world into unknown territory. Our Secretariat services have taken precautions to ensure they remain available for our members. We have made necessary arrangements for our Secretariat, Natalie Miles, to work from home while still maintaining support from the AGWA industry offices. (Amalgamation of the Windows and Glass Associations).

So the important work of re-building the AISF continues in these difficult times. While we are focusing on the key elements of training, industry representation etc. a key focus is updating Australian Standards. for all divisions of our industry. Updating Standards is vital issue and has also become quite complex. We are delighted to have the guidance and experience of the AGWA in this work.

To this end we have decided to assemble a Standards Technical Committee to help us re-develop our now ageing Standards. While Powder AS3715 and Anodising AS1231 are at important stages of review, we are planning on reviewing all of the Australian Standards relevant to our industry.

We also want to ensure that our members have ample opportunity to voice their ideas and views in these important discussions about our Australian Standards. We welcome participation of those with time and expertise to please contact our Secretariat, Natalie Miles. While every member cannot be a member of the official Standards Committee, it is important there is a member forum to both assist, and offer views, regarding the development of our Standards so vital in guiding common procedures, practices and quality standards in our industry.

### Strengthening of our Industry Participation

It is so crucial to have a high participation involvement for industry on so many levels. From our smallest applicators to the largest participants, a strong and large AISF membership base will provide a great base for not only training facilities and Australian standards reviews, but also guide our industry through the everchanging government requirements and community interests. We are building from a previous AISF member list containing some 1660 names illustrating the size and importance of the industry.

So, I am also delighted to advise that further support is being received from many members in nominating for positions. For example, we are delighted to announce some further nomination requests for our Executive Management team. We have welcomed Simon Voss from Anodisers W.A and Ben Braszell from BASF/Chemetall whom both bring a wealth of industry knowledge to our Board of Directors. We would also like to congratulate Eli Atallah from Akzo Nobel on his recent promotion to a broader role at Akzo Nobel and now welcome his replacements James Sloan, who will be stepping up to Eli's position on the Board of the AISF to maintain a strong presence.

There are many roles to fill as the AISF Executive team grows and we welcome enquiries for involvement, again through our Secretariat Natalie Miles.

In addition, we are pleased to note we are sponsoring the Best Innovative application of Surface Finishing award as a National Award at the AGWA's Design Awards. This will be presented at their Gala Dinner in Sydney on Friday 12th July. Our award category is open to all who are members of both the AISF and AGWA and further application information is available in this newsletter and on our website.

On a final note, we are sad to announce the passing of two of our lifelong supporters of the AISF, John Tennyson Woods and Pat McIlvena. I would like to pass our condolences to their families on behalf of all that knew them from the Surface Finishing Industry.

*Bill Wyllie*

To quote Helen Keller, Author & Political Atavist: "Alone, we can do so little; together we can do so much"

## Industry News:

Register your interest in attending training:

- Introduction to Powder Coating in NSW
- Introduction to Powder Coating in VIC
- Basic Electroplating Principles in NSW
- Cyanide Handling training in NSW

Email your interest to:

[training@aisf.org.au](mailto:training@aisf.org.au)

## Upcoming Events:

AISF Introduction to Powder Coating training, Melbourne VIC 25- 26 March 2020, in Melbourne, Victoria  
**Postponed due to COVID-19**  
[www.aisf.org.au/RegisterTraining](http://www.aisf.org.au/RegisterTraining)

Sydney Golf day  
Friday 27th March 2020  
Georges River Golf Club, Georges Hall.  
contact us to register to play

Coatings Expo, Vietnam 17- 19 June 2020, SECC, Ho Chi Minh City.  
[www.coatings-vietnam.com](http://www.coatings-vietnam.com)

RESCHEDULED

Paint Expo, Germany 12-15th October 2020.  
Karlsruhe Exhibition Centre.  
[www.paintexpo.com](http://www.paintexpo.com)

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# Standards Australia announcement

Standards Australia have announced that in a jointly funded partnership between Standards Australia and the Australian Commonwealth Government the key bushfire standard AS 3959:2018 *Construction of buildings in bushfire-prone areas* will be open for all Australians to access, free of charge until 30 June 2021.

This is to assist those with re-building following the devastating bushfires which affected our country in the past few months.

All Australian Standards are available via Standards Australia's distributor's, with the AS3959:2018 available soon via the distributors free of charge.

For further information, visit Standards Australia's website:

<https://www.standards.org.au>



## Suppliers update

As we all know, globally the world has been rocked by news that a global pandemic has been announced by the World Health Organisation. As the peak industry member institute, representing the professional interests of the Surface Finishing Industry we have contacted our supplier members to check on the availability of supplies.

We have been assured that they are monitoring the situation closely and they currently have healthy stock levels of key products.

## Do you need assistance with setting up or reviewing your coating line?

If yes, contact the AISF today as we can put you in touch with our supplier members to assist you with the planning, purchasing and set up of your specific needs.

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# Training update

## Introduction to Electroplating

The NSW Branch recently ran the two-day Introductory to Electroplating Training Course at the Royal Australian Mint in Canberra, with John Kleine as course presenter. Nine students attended the training with the Mint pleased that the AISF could provide the necessary training to assist their staff better understand the electroplating processes, waste water treatment, OH&S and all of the modules presented.

The NSW Branch will shortly send out an expression of interest to all electroplating businesses to gather interest in running this course in Sydney in the next few months.



Attendees from the Introduction to Electroplating training at the Royal Australian Mint

## WHAT CORPORATE VEIL?

**COMPANY DIRECTORS PERSONALLY LIABLE FOR UNPAID GST FROM 1 APRIL 2020**

From 1 April 2020, directors will be under a statutory obligation to ensure their company complies with its obligations to pay assessed net amounts of GST instalment liabilities or, if payment is not made, promptly place the company into liquidation or voluntary administration.

### WHAT DOES THIS ACTUALLY MEAN?

**② PAYMENT:**

**28 APRIL** If deadline missed...

If companies **DO NOT** report within 3 months, directors are held personally liable for outstanding debts and can only extinguish that liability by actually paying those debts.

If companies **DO** report within 3 months (even if payment is not made), directors can extinguish their liability by placing the company into administration or liquidation.

**① REPORTING:**

Joan & John's Example Joinery Company

BAS Statement period ends: **31 MARCH**

BAS Statement due to ATO: **28 APRIL**

**③ STRATEGY:**

- ✓ Do your due diligence before becoming a director.
- ✓ Contact us if you receive a 'Director Penalty Notice' from the ATO.
- ✓ Review your personal asset protection strategies now, before it's too late.

**MORE STRATEGIES >>**

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## Introduction to Powder Coating

In light of the COVID-19 outbreak, and the new 'social distancing' recommendation put into place by the Australian Government, but mainly because it is the sensible thing to do, we have decided to postpone our scheduled Introduction to Powder Coating training for the 25th & 26th March.

As this is an emerging situation, we have not yet rescheduled the training. However, once the risk to everybody has reduced and in accordance with the Governments' recommendations, we will contact all registered persons with a revised training schedule. Those already enrolled for this training, will be offered first preference on participation for the sessions.

As mentioned in our Presidents message by Bill Wyllie, the AISF has been established to have the capacity to work 100% remotely if the need arises.

Please email us at [training@aisf.org.au](mailto:training@aisf.org.au) if you would like to register your interest in one of our future training events.

Please note, the AISF do not offer legal or taxation advice, we recommend you seek independent advice for further clarification.



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**RIGBY COOKE LAWYERS**

# DESIGN AWARDS 2020



ENTRIES NOW OPEN  
APPLICATIONS CLOSE 30 APRIL

## ENTRIES FOR THE 2020 INDUSTRY AWARDS ARE NOW OPEN

Open to all members of the Australasian Institute of Surface Finishing (AISF), the 2020 AISF National Design Awards aim to celebrate excellence in workmanship in the surface finishing industry, increase the level of interest in surface finishing and raise the profile of AISF members.

As announced at last years AusFenEx conference, this year saw the commencement of the restructured Australian Glass and Window Association (AGWA) Industry Awards as the next AusFenEx National Conference and Trade Exhibition will take place in 2021. The AISF have decided to sponsor a National Award to recognise the new national direction of the Institute which superseded our previous state run chapters of our old constitution. The AISF Most Innovative Application of Surface Finishing Award projects which distinctly take into account growing issues that are present in today's market such as exposure of location, colours, type of coating, specifications, and innovative use of materials/coatings being used in Australia.

The winners of the AISF Design Awards will be presented at the AGWA New South Wales Gala Awards Dinner, Friday, 12 June 2020 - Sydney.

We urge all members of the AISF to reflect on your recent projects, take pride in what you have created and submit your work to receive recognition for your achievements in the surface finishing industry.

For more information on category criteria and entry conditions, download the application forms by clicking on the links below, or visit the website: [www.agwa.com.au/conference-information/industry-awards](http://www.agwa.com.au/conference-information/industry-awards)

ENTRIES close Thursday, 30th April 2020

# EXPRESSIONS OF INTEREST

## THE AUSTRALASIAN INSTITUTE OF SURFACE FINISHING TRAINING

Basic Electroplating principles  
- 2 days training

Introduction to Powdercoating  
- 2 days training

### Course Material includes

- Introduction & Principles to Electroplating
- Equipment & Operating Aspects
- Pre-treatment
- Copper Plating
- Precious metals & Alloy Plating
- Nickel Plating
- Chromium Plating
- Zinc Plating & Chromate Conversion coatings
- Anodising
- Further Principles
- Effluent Treatment
- Care & Maintenance Solutions
- Quality & Safety

### Course Material includes

- When, Why, Who and How of powder coating
- Substrates: not all metals are the same.
- Science for Coaters: just the basics.
- Environments: often forgotten but so important.
- Chemical Safety: just do it.
- Hanging: this could be the death of the job.
- Pre-treatment, Rinse and Dry.
- Powder Booths: operation and selection.
- Powder curing: very misunderstood
- How does a powder coating gun work?
- Powder application: coating buckets and glass

**NSW**

Please note spaces with strictly be limited to 10 participants per training session

Contact the AISF for details

Natalie Miles

[training@aisf.org.au](mailto:training@aisf.org.au)

02 9160 4744



# Prevention of 'Nickel Allergy'

Clive Whittington,

Honary Member AISF, Hon. Vice-President The International Union of Surface Finishing

Allergic contact dermatitis (ACD) is a form of skin reaction that can be aggravated by nickel, causing the skin to become red and itchy. Clive Whittington (Honorary Member, AISF) and Dr W.Y. Lo (Secretary General, Hong Kong Surface Finishing Society) tested a range of coatings over nickel-plated decorative articles such as costume jewellery and watches, to prevent nickel-release causing ACD. They found regular hexavalent chromium, microporous trivalent chromium from a chloride electrolyte, ultraviolet (UV) cured polyurethane electrophoretic coatings and an electrodeposited palladium barrier under a flash deposit of decorative gold will all prevent nickel release. The results of this work mean these coatings can be used for decorative articles that are sold in the market, without concern about nickel release exceeding recommended limits.

## NICKEL ALLERGY

- Direct and prolonged contact with skin may cause corrosion of elemental Ni by sweat.
- May liberate sufficient Ni ions to be absorbed by skin.
- May cause an immune reaction.
- Called 'Nickel contact dermatitis' (NACD).
- Commonly originates from costume jewellery and body piercing.



At the Annual General Meeting of the Institute of Materials Finishing in Birmingham, UK, last November Clive Whittington and Dr Lo were awarded the Canning Medal (Sponsored by Enthone MacDermid) for the best practical paper published in the IMF Transactions during 2018.

This is was one of three papers on the subject, peer-reviewed and published the Transactions from 2015 to 2019:

Prevention of nickel release from decorative nickel-chromium electroplated articles in the context of allergic contact dermatitis

[www.tandfonline.com/doi/full/10.1179/0020296715Z.000000000253](http://www.tandfonline.com/doi/full/10.1179/0020296715Z.000000000253)

Prevention of nickel release from electroplated articles in the context of allergic contact dermatitis: further outcomes

[www.tandfonline.com/doi/full/10.1080/00202967.2018.1426179](http://www.tandfonline.com/doi/full/10.1080/00202967.2018.1426179)

'Nickel Allergy' arising from decorative nickel plated and alloyed articles: prevention at source

[www.tandfonline.com/doi/full/10.1080/00202967.2019.1570737](http://www.tandfonline.com/doi/full/10.1080/00202967.2019.1570737)

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