

# MISIF WEBINAR

## #2 Finishes and Their Applications for Stainless Steels (21 July 2020)

Mention stainless steel and designers and architects immediately think about excellent corrosion resistance but also of bright reflections or plainer dulled surfaces. The variety of finishes ranges from mirror through abraded to blasted or profiled or coloured and the property differences of applications are substantial. This webinar is all about surfaces with examples of applications including consideration of:

- The inherent differences between cold and hot rolled surfaces
- The move from rolled to cut or abraded or blasted surfaces
- How thickness and surface roughness may be important
- Profiled surfaces and how that changes properties such as reflectance, cleanability, corrosion resistance, strength, slip resistance, etc
- Properties that surface processing does not change
- Coatings and what effect they have on appearance, durability and other properties
- Colour and its stability
- Reconciling the standard appearances of different product forms
- A brief mention of chemical treatments and their limitations

## #3 Pickling, Passivation, Cleaning and Maintenance of Stainless Steel (28 July 2020)

This webinar brings together the pre-commissioning chemical treatments with the on-going care of installed stainless steel.

The grouping is made to emphasize that stainless steel is a low maintenance product but that it needs neither natural maintenance (provide by good design) or a supplemental cleaning disparate elements into a coherent whole with multiple examples.

Topic include:

- What is pickling and what does it do to stainless steel?
- What is passivation treatment and how is it different from pickling?
- How do you tell if the stainless steel is passive?
- What standards can be applied?
- Where does electropolishing fit in and how does it differ from electro cleaning?
- Are these treatments always required?
- Maintenance: How good design helps, routine cleaning, what not to do, techniques for specific contamination/damage

### About Speaker

**DR. GRAHAM SUSSEX**, Technical specialist and Nickel Institute consultant.

Dr. Graham is a materials expert with over 30 years' experience and more than 600 technical publications to his name. Stainless steel is his specialty.



### REGISTRATION FORM

Please register the following person/s for the "WEBINAR".

**PLEASE TYPE IN BLOCK LETTERS:-**

Participant #1	Participant #2
Name: _____	Name: _____
Designation: _____	Designation: _____
Email: _____	Email: _____
Contact no: _____	Contact no: _____
Company name: _____ _____	Company chop: _____

### REGISTRATION FEES/PROCEDURES

**MISIF Members: RM30.00 (Introductory Price)**

**Non-MISIF Members: RM50.00 (Introductory Price)**

(Note: **10% discount** for registration of **3 or more participants from a single company**)

For payments, MISIF's bank details as follows:

**Account Name: Malaysian Iron & Steel Industry Federation**  
**Account No: 8002275287**  
**Banker Name: CIMB Bank Berhad**

Kindly notify us by email/fax immediately after you have banked in the payment.

Cancellation Policy: No refunds will be entertained although participants can be substituted at any time. The organizer reserves the right to cancel, reschedule, postpone or amend the date due to unforeseen circumstances.



**Date:**

**Webinar #2: 21 July 2020**

**Webinar #3: 28 July 2020**

**Time:**

**10.00 am – 11.30 am**

**Platform:**

**Online via Zoom**

**Organised and Supported by:**

### About MISIF

The Malaysian Iron & Steel Industry Federation (MISIF) is the national association representing the iron and steel manufacturing companies of Malaysia. Among its many activities, MISIF provides subsector group management and in this instance, this workshop is to support promotional activities of the MISIF Stainless Steel Group.

### About NI

Nickel Institute (NI) is the global association of most of the world's primary nickel producers. The NI supports and grows markets for new and existing nickel applications which naturally includes stainless steel. NI also promotes good science, asset management and socioeconomic benefit as the basis for public policy and regulation.

### About IMO A

The International Molybdenum Association (IMO A) is a nonprofit trade association, representing the majority of the molybdenum industry worldwide. IMO A promotes appropriate molybdenum use through education, publications and targeted research projects. It also seeks to ensure appropriate regulation of molybdenum and its compounds, based on sound science.

INTERNATIONAL MOLYBDENUM ASSOCIATION  
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