

# #4 MISIF/NI/IMOA WEBINAR



## ADVANCED SPECIFICATION OF STAINLESS STEEL FINISHES

by  
**MS CATHERINE  
HOUSKA**

### SYNOPSIS

Specification of stainless steel finishes to meet appearance consistency, reflectance, and longevity requirements requires an understanding of the means by which finishes can be quantified so that appropriate means of measurement and ranges can be agreed with suppliers. The international standards for stainless steel finishes only provide very general descriptions of the mill and polished or lished finishes, which is not adequate for achieving finish consistency and matching. There are no standards for specialty mechanically applied and colored finishes. While agreeing on visual standards that represent an acceptable appearance range is critical, that range must be quantified for it to have meaning. This presentation will provide an overview of the factors that affect finish appearance and their specification with a particular focus on the mechanical and colored finishes that are not covered by international standards. It will also provide an overview of these finishes and factors that should be considered during finish selection, including the suitability of different finishes for various types of applications. Since finish durability is dependent on the selection of an appropriate stainless steel alloy for the application environment, there will be a brief review of alloy selection guidance.

### ABOUT SPEAKER



Ms. Houska is an internationally recognized expert on architectural metals, speaker and author of over 200 publications. She consults internationally for some of the world's most well-known architectural and engineering firms as well as for building owners, metal finishing firms, producers and fabricators. She is well versed in the ASTM and EuroNorm standards for stainless steel finishes, is a long term member of the US Green building Council (USGBC LEED) and chairs ASTM's General Sustainability Standards. She has written numerous publications about stainless steel finishes and has significant experience in consulting for finish suppliers to improve their products, developing project specifications, and as an expert witness when finish problems occur.

Catherine is President of Catherine Houska Consulting LLC in Pittsburgh, Pennsylvania. She holds a BS in Metallurgical Engineering & Materials Science from Carnegie Mellon University and a MBA from Case Western Reserve University and has received multiple national and regional Technical Awards from the Construction Specifications Institute for her contributions to the industry.

### REGISTRATION FORM

Please register the following person/s for the "WEBINAR #4".

#### PLEASE TYPE IN BLOCK LETTERS:-

1. Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Email: \_\_\_\_\_

2. Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Email: \_\_\_\_\_

Company Name: \_\_\_\_\_

Date:  
**14 July 2021**  
(Wednesday)

Time:  
**10.00 am – 11.30 am**  
**COMPLIMENTARY**

### **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 IMOA

The International Molybdenum Association (IMOA) is a nonprofit trade association, representing the majority of the molybdenum industry worldwide. IMOA 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  
THE VOICE OF THE MOLYBDENUM INDUSTRY



**SCAN to register**

**CLOSING DATE: 13 JULY 2021**

The organizer reserves the right to cancel, reschedule, postpone or amend the date due to unforeseen circumstances.