

AWS Carolina Section Meeting

Different but Not Difficult

Welding Using Nickel-based Alloys

Presented by Brian Gaal of Special Metals Welding Products

Tuesday, November 12th - 6:00 – 7:00 PM EST

Guilford Technical Community College – Jamestown, NC

Followed by dinner at
Black Powder Smokehouse, Jamestown, NC.

Location

Guilford Technical Community College
6012 W. Gate City Blvd.
Greensboro NC 27407

This meeting will be shared on Zoom for the AWS members
that cannot attend in person.

Please sign up on Eventbrite in order to obtain the Zoom link.

Register Now!

Cost: Free

One PDH Credit will be awarded.

Participants will be invited to eat at Black Powder Smokehouse after the lecture.

We request that reservations are made in advance through Eventbrite so that we can have an accurate count.

Black Powder Smokehouse
302 East Main Street
Jamestown, NC 27282

Sign up on the [Carolina Section EventBrite Page](#)

Presentation:

The AWS Carolina Section is pleased to have Brian Gaal of Special Metals, Newton, North Carolina, tell us the secrets of welding when using nickel alloy filler metals.

Mr. Gaal's presentation will focus on the following questions and issues:

- When and Why choose a nickel alloy or an over match alloy.
- Nickel cracking overview
- The four basic differences when welding nickel alloys:
 - Cleanliness
 - Weld Metal Dynamics
 - Weld Penetration
 - Bead Shape
- Avoiding other common mistakes.

Mr. Gaal addresses these issues because they are the most common issues that Special Metals customers struggle with when using nickel alloy electrodes and filler metals. Brian Gaal is the Senior Welding Engineer at Special Metals Welding Products. He has worked for multiple suppliers of nickel welding consumables in many areas from Research & Development, Technology to Applications and Quality Management roles. In addition to his experience as a product development engineer, he is a Certified Welding Inspector and has his NQA-1 Lead auditor qualifications.

For additional information contact: awscarolinasection@gmail.com