

Special Metals Welding Seminar

19 September 2020

Sam Kiser, Brian Gaal, Lewis Shoemaker

AGENDA

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|--|--------|---------------|
| ➤ Introduction / Special Metals Overview | 05 min | John Keller |
| ➤ Nickel Welding: Different But Not Difficult | 25 min | Sam Kiser |
| ➤ Joining Nickel Alloys | 15 min | Brian Gaal |
| ➤ Cladding Nickel Alloys | 15 min | Brian Gaal |
| ➤ Corrosion Testing and Flue Gas Desulfurization | 20 min | Lew Shoemaker |
| ➤ Q&A | 40 min | |

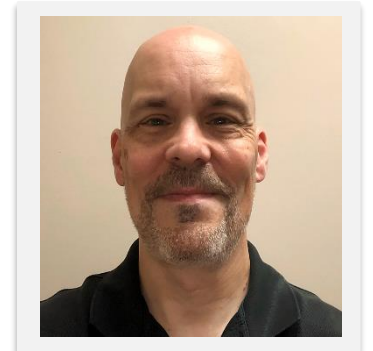
Introduction

INTRODUCTION - Management

John Keller is the Global Marketing & Sales Manager for Special Metals Welding Products Company. He has been with the company since 2015 and worked previously at the PCC Revert Group where he managed the supply chain flow for all PCC U.S. sites to support nickel melting. Prior to joining PCC, John served on Active Duty in the United States Marine Corps (USMC) and is currently serving as a Major in the USMC Reserve. John earned his BS in Physiology from Ohio University and is a Certified Six Sigma Green Belt.



Earnest Steinhoff is the Director of Technology, Engineering and Quality for Special Metals Welding Products Company. He has been with the company since 2012 and has previously worked in the CNC Machine Tool and Electronics Manufacturing Services Industries. Earnest holds a BS in Computer Science and Engineering from the University of Toledo and is a Certified Lean Six Sigma Black Belt.

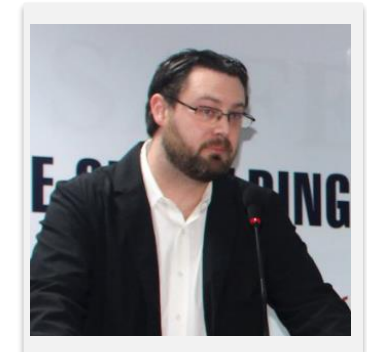


INTRODUCTION – Technical

Samuel D. Kiser is a professional welding engineer, a Fellow of the American Welding Society, and holds more than ten patents for nickel alloy welding products. Sam is semi-retired but still works part time in SMC's Technology group. His areas of expertise include welding alloy development, applications and welding.



Brian Gaal is a welding engineer and acting Quality Manager at Special Metals Welding Products. He has worked for multiple suppliers of welding consumables in many areas from Research, Technology to Applications and quality roles. In addition to his experience as a product development engineer, he is a Certified Welding Inspector and has NQA-1 Lead auditor qualifications.



Lew Shoemaker is a metallurgical engineer, employed by Special Metals Corporation since 1974, working in product development, technical services and marketing. Lew is semi-retired but still works part time in SMC's Research and Technology group. His areas of expertise include alloy applications, welding, fabrication and corrosion.

