



American Welding Society

IOWA - SECTION 066

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LINCOLN
ELECTRIC

Quality Control
for Modern
Welding
Manufacturers
Seminar

May 29th, 2018 8:30am-4:00pm
Iowa Central Community College
North Central Career Academy
216 S. Park Avenue
Eagle Grove, IA 50533

A systematic approach to quality control for welding operations utilizing Quality Engineering and Weld Engineering principles to reduce cost, improve productivity, and drive continuous improvement

What Will You Learn?

A Controlled Processes Means Controlled Costs

Do you know what your welding operations actually cost you? Did you know that a simple change of 100 inches per minute in the wire feed speed of a GMAW welder can cost a difference of tens of thousands of dollars a year? We will teach you one method of how to analyze your welding costs and more importantly how to control them. You will learn cost reduction strategies, that you can begin to implement NOW that can save your company millions of dollars.

About the Presenter

Brian Griffith is a Technical Representative of the Lincoln Electric Company covering Western Iowa. Brian has 18 years of experience as a welder, welding inspector, quality engineer, welding engineer, and engineering manager. He is an AWS CWI/CWE and NDT Level III for Ultrasonic, Magnetixc Particle, and Liquid Penetrant methods of non-destructive testing. Brian has been the Chairmen of the AWS Iowa section since 2016 and was presented the 2016 Dalton E Hamilton National CWI of the Year for his work in Weld Inspection, Quality Engineering and Non-Destructive Testing.

Cost and Registration

Cost per attendee is \$95.00

Register online at Eventbrite

<https://www.eventbrite.com/e/quality-control-for-welding-manufacturers-tickets-44154974718>

Redefining the Concept of Quality Control

Quality Control is not about hiring an inspector to stand at the end of your production line to inspect parts anymore. In the modern manufacturing space, Quality Control has to be an all-encompassing approach to how you conduct operations from beginning to end. Learn how to take control of your welding processes and how much they're costing you by leveraging modern technology to your advantage.

Why This Training?

More and more manufacturers of fabricated products are recognizing the need to adopt quality management systems like ISO 9001, but they often don't change their welding practices to integrate them and take advantages of such a system properly. This training will provide you with a systematic methodology to achieve exactly that. A fully integrated welding program that utilizes data based decision making to drive improvement.

Mechanical and Industrial Engineers who are put in charge of welding operations often have received very little training in welding. CWI's who are also often put in these roles often have very little training in cost analysis and welding economics. This training is designed to fill in those gaps and add critical skill sets to the people in your organization who need it most.