

# MATHESON *Select*PRO

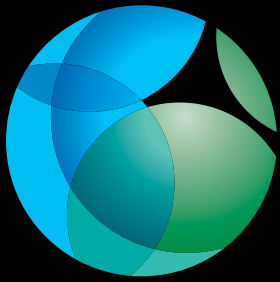
*Metal Fabrication Process Optimization Program*

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**MATHESON**

ask. . .The Gas Professionals™



# The Time is Right for the **MATHESON SelectPRO** *Metal Fabrication Process Optimization Program*



If you're like most fabricators, you're continually searching for ways to improve quality, reduce cost, and improve the competitiveness of your business. Barriers to optimum productivity – and opportunities for improvement – can be found at many points in the welding, cutting, and metal fabrication process:

- **Deposition rates**
- **Arc control issues**
- **Porosity**
- **Rework**
- **Discoloration**
- **Slag and spatter cleanup**
- **Quality rejects**
- **Refitting**
- **Workstation efficiency**
- **Gas use and control**
- **Weld design**
- **Process and shielding gas selection**
- **Fumes and emissions**
- **The list goes on**

That's why we developed the **MATHESON SelectPRO** Program. The Program puts our team of welding experts at your side to focus on these three foundations of welding effectiveness:

**Productivity Improvement**

**Reduced Cost Per Weld**

**Optimization of Processes**

Working with you and key members of your team, our experts evaluate your welding and metal fabrication operations.

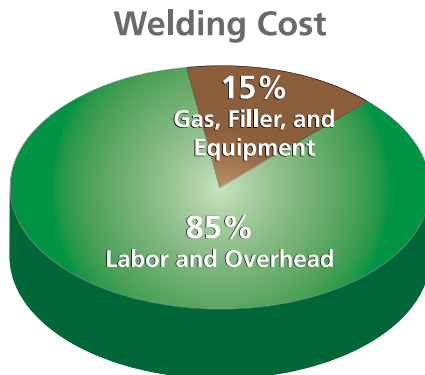
Our goal is to lead you to a more effective welding and fabrication operation – with improved quality, reduced total costs, and smoother workflow ... putting you in a better position to deliver greater satisfaction and value to your business and to your customers.

**Productivity Improvement** • **Reduced Cost Per Weld** • **Optimization of Processes**



## What You Can Expect

It is widely known that 85% of the cost of welding is found in labor and overhead – the costs of filler and gas are not meaningless, but they are small in the larger view.



Examples of substantial changes can often include (when practical):

- **Moving from short circuit to spray to increase deposition rate**
- **Changing shielding gas to enable the use of one gas mixture in multiple applications**
- **Altering shielding gas, filler type, or both, to affect improvements in porosity, spatter, color, control, or deposition rate**
- **Adding automation to appropriate step(s) to improve throughput and improve welder availability**

... these are just a few examples of typical program outcomes. The possibilities are far greater in numbers.

## Beyond the Recommendations

Our team will help you implement our recommendations by helping you with internal communications, training (classroom and/or production floor), and other support. We can also help you write or rewrite Welding Procedure Specifications (WPS), as well as your Welding Procedure Qualification Record (WPQR).

The **MATHESON SelectPRO** Program may have a beginning ... but it really does not have an end. We are always at your side to help guide you to continuous improvements in productivity, cost reduction, and process optimization.

Contact **MATHESON** today to discuss how our **SelectPRO** Program can help you.

**Productivity Improvement • Reduced Cost Per Weld • Optimization of Processes**



## **MATHESON SelectPRO** Program Partners can expect:

- **Increased productivity**
- **Reduced cost**
- **Optimized performance**
- **Better working environment**
- **Improved gas selection and gas management**
- **Improved deposition rate and performance**
- **Improved quality and fit up**
- **Reduced porosity**
- **Fewer rejects and reworks**
- **Improved workflow**
- **Higher customer satisfaction**
- **Improved profitability**

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