



“When I send people to your seminars, what kind of increase in knowledge, skills and performance should I expect to see when they are back at work?”

Master Molder – Module II

After attending and passing our Master Molder II certification program your employee will be certified as a Master Molder, able to:

- Explain the characteristics of a DECOUPLED II and DECOUPLED III process.
- Explain in what circumstances DECOUPLED III is better than DECOUPLED II and why.
- Set-up an *eDART*[™] system.
- Conduct machine tests for: injection speed linearity, pressure response, dynamic check ring repeatability, load sensitivity, mold deflection, in cavity consistency under viscosity change. The trainee will be able to conduct the test, evaluate the results and know how to respond.
- Determine optimal sensor location and sizing.
- Build a solid, machine independent DECOUPLED III process.
- Move a DECOUPLED III process to any machine, match the template and thereby ensure the same quality and efficiency results.
- Set cavity pressure alarms that can be used to monitor and/or control a DECOUPLED III process.
- Trouble-shoot problems more effectively, by using a scientific and systematic approach, including:
 - Assess a process and process changes based on what happens to the plastic in the mold through the use of cavity pressure data;
 - Make more decisions based on data (i.e., less guesswork);
 - Consider cause and effect relationships between the machine, process, mold, material;
 - Identify changes to machines, molds, processes and material handling that will address root causes of problems;
 - Consider the four plastic variables (Heat, Flow Rate, Pressure and Cooling) when trouble-shooting; and
 - Come up with fewer “band-aid” fixes and more concrete, lasting solutions.

How Training Impacts Business

If given appropriate support on-the-job, these new knowledge and skills should translate into:

- Reduced part variability and scrap
- Optimized cycle times
- Reduced time spent on trouble-shooting

If you do not see these kinds of abilities or operational improvements, please call us. Ultimately, our goal is to improve employee and operational performance. Sometimes employee knowledge and skills may increase, but that increase is not translated into improved performance. In some cases additional coaching may be required, operating procedures adjusted, new performance expectations established, or other changes implemented. If you do not see our training lead to improved performance, we want to know about it and find a way to make it happen. Please contact us and we will do an assessment over the phone, free-of-charge, and, depending on the needs, an on-site assessment.

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