

Training Product Overview

MCA - Maintenance Capability Assessment

What is it?

A Maintenance Capability Assessment (MCA) is performed on-site, anywhere in the world, utilizing a thorough, systematic set of review tools. It is conducted by industry veterans trained in performing toolroom assessments. ToolingDocs will make an accurate determination concerning a shop's capability to maintain proprietary and custom molds to a high degree of production readiness, reliability and performance, and rate the shop's degree of proficiency compared to industry standard best practices.

What is examined?

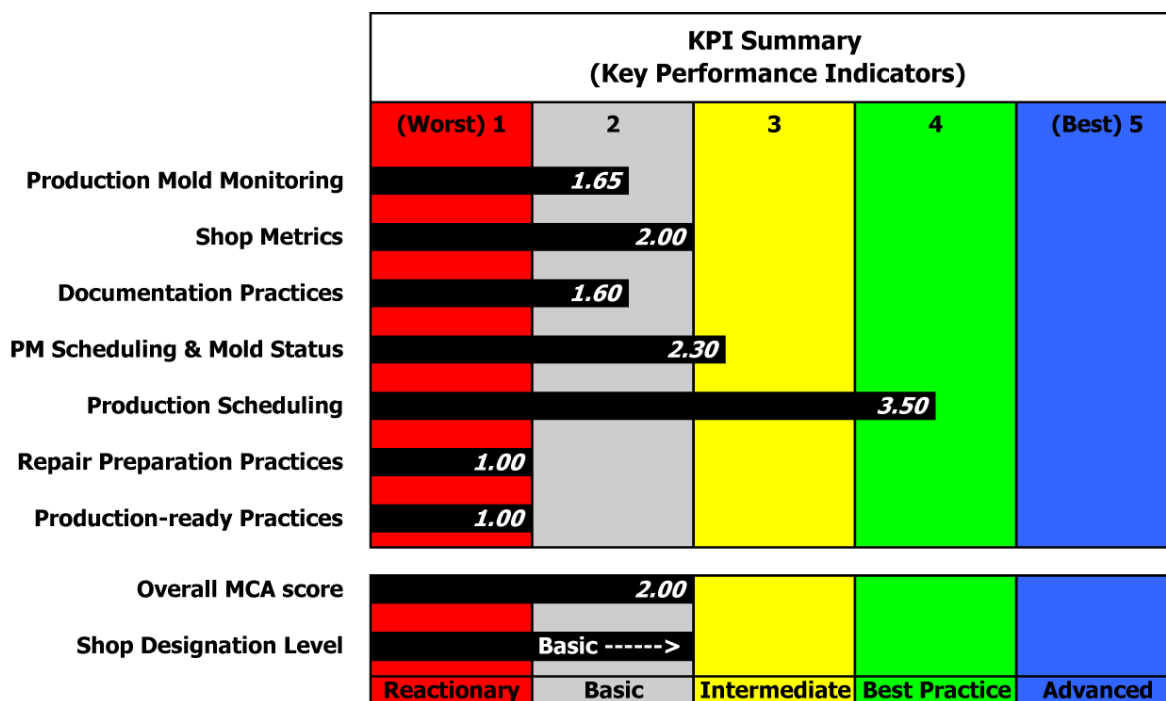
More than 50 carefully chosen molding and shop floor methods, procedures and documentation practices are observed and categorized into specific areas. They are then factored into our unique "Degree of Difficulty" scale that takes into account several key production, environmental

and cultural plant issues so that each company is compared fairly to similar organizations.

MCA benefits

Not only will ToolingDocs score your company compared to best in class, they will also provide suggested actions in deficient areas that, once implemented, have been shown to significantly reduce the number of unscheduled mold stops by as much as 50% and reduce required labor hours by as much as 10%. A medical molder with an annual repair budget of approximately \$800,000 saved \$75,000 a year for each of 3 consecutive years after an MCA by applying our proven, systemized approach.

Companies with multi-cavity molds have experienced as much as a 4% increase in cavity efficiency and reduced tooling usage within one year of completing an MCA when combined with resultant bench and documentation utilization training.



Featured above is a sample Key Performance Indicator (KPI) Summary.

TSI - Total Systems Implementation

What is it?

One full year of scheduled training, audits and database maintenance.

A TSI includes:

One full day on-site to conduct an initial MCA (Maintenance Capability Assessment) to understand where continued training should be focused and for development of an implementation plan. A follow-up PowerPoint® presentation will be sent to staff containing a summary analysis, final score and shop level designation.

In addition, included is MoldTrax Maintenance System software and two days of MoldTrax on-site installation and data entry training.

8 additional days on-site to:

- Audit, train, input and clean MoldTrax database entries
- Enter new molds and related tooling and product defect data
- Analyze baseline data to develop initial product defect and unscheduled mold stop targets
- Hands-on bench training in the 8 Stages of Repair as needed (preparation, disassembly, troubleshooting, corrective action, cleaning, assembly, final check & staging)

Off-site work includes:

Webex conferencing scheduled weekly for continued auditing, training, and cleaning of MoldTrax 4 data.

TSI benefits

- Standardization of company terminology for product and mold defects and corrective actions
- Reduction of product defects and improved part quality
- Understand the true cost of mold performance and maintenance
- Reduce unscheduled downtime and loss of Actual Machine Hours (AMH)
- Continuous improvement in mold performance and maintenance efficiency
- Establish a world class mold maintenance facility



OST - On-Site Training

What is it?

OST training involves systemizing the 8 different repair stages that all technicians work through in conventional mold repair situations. OST training will demonstrate what happens during these stages, what is needed in each stage and how they relate to one another when put into practice at the bench.

How does it work?

Usually, after an MCA is performed, an action plan is developed as part of the MCA that will identify areas of a mold shop's practices that deserve improvement. Based on the MCA score, ToolingDocs will provide on-site training in those areas that graded below industry standards.

If specific training is preferred in just a few of the areas of repair, a customized training curriculum for specific needs and skill requirements will be developed.

How long will this training take?

Typically, OST training will last 2 to 5 days depending on the depth of training needed and which stage training is required to increase the MCA score to an acceptable level.

What are the benefits?

By standardizing basic repair stages, repair technicians will optimize mold downtime, reduce labor hours, maximize tooling life, reduce costly mistakes and streamline total maintenance efficiencies.

Working with a proven system will increase employee focus and help standardize repair practices, enabling quicker and more accurate troubleshooting. Consequently, higher efficiencies and better running, more reliable molds will be experienced.

For more information on ToolingDocs products, or to speak with a ToolingDocs representative, call 419-281-0790, or email info@toolingdocs.com.