

# Quick-Change: Putting it to work in your factory

**Overview:** This course gives you the tools to free up valuable productive capacity in your plant through set-up reduction techniques. Attendees will learn what is meant by set-up and changeover time and explore how to find and identify set-up reduction opportunities. It includes classroom instruction in best practices for developing quick-change processes as well as real world practice in how to quantify and break down the current condition of a set-up. Students learn how to focus improvement activities to achieve rapid results. The class is an excellent foundation for companies just starting to explore set-up reduction and provides many valuable tips and ideas for companies that may be stalled in their quick-change efforts. Many examples of “best set-up practices” are explored that attendees can take away and immediately apply in their own settings. The class also gives practical advice on how to standardize and sustain set-up reduction efforts over time.

**After taking this class attendees should be able to:**

- ✓ Describe what is meant by set-up time and how it impacts lot sizes and flexibility
- ✓ Explain the difference between internal and external set-up
- ✓ Use a set-up reduction methodology to measure, quantify and break down a current condition for a set-up
- ✓ Describe the types of quick change countermeasures that can be applied to set-ups
- ✓ Document and standardize improved set-up methods

**Who should attend?** Any company that has processes that must undergo some form of changeover. It is especially relevant for companies that wish to cut changeover times in order to free up valuable capacity. It is designed to give students hands-on practice applying set-up reduction methods.

**Time Commitment:** 8 hours

**Course Outline/Topics:**

- What is set-up?
- How does set-up reduction relate to Continuous Improvement?
- Internal vs. External Set-up
- How to measure and analyze a set-up
- Developing and implementing set-up reduction improvements
- Methods for achieving quick change processes