

## Coopers Brewery – “Changing It Up!”



*Are changeovers costing your company time and resources you just can't afford? See how Coopers Brewery implemented a plan to make operators changeover experts!*

With the mandate of handing over Home Brew Line changeovers to the Operators, a special Micro Focused Process Improvement (FPI) Team was formed to investigate, develop and implement a successful approach.

In order to generate this success, the team developed the following 7 Step process to achieve the mandate:

**1. Review the machine Changeover Components** (Homebrew De-palletiser to Palletiser machines) – This involved listing each machine and identifying what components need adjustments on a changeover.

**2. Identify the Improvements** needed to simplify the changeover, the following should be born in mind when carrying out this Step:

- Centre lining – Working from a datum point to ensure equipment is adjusted to an exact position;
- Minimise adjustments where possible – minimise the tools needed;
- Apply Visual Controls; and
- Use Single-Minute Exchange of Die (SMED) techniques.

**3. Responsibilities:**

- Who will undertake the changeovers – all or selected staff?

**4. Implement the Improvements** identified to simplify the changeovers (Steps 1 & 2 above)

**5. Develop Training Materials:**

- Job Training Aids;
- Changeover Procedures (to include Check Lists);
- One Point Lessons on Equipment Function; and
- Competency Based Assessments.

**6. Conduct Training**

**7. Trial Changeovers** with Operators and review.

The team has been able to complete Steps 1 to 4 and has implemented a number of improvements (as seen in Figure 1 & 2 below) to help simplify changeovers including:

- Height gauges;
- Quick release devices to eliminate the need for tools; and
- Colour Coding to identify correct changeover parts.

**Figure 1 - Filler Height Gauges**



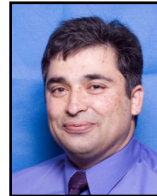
**Figure 2 - Quick Release Devices**



The team has done a great job to date and will continue through the next Improvement Cycle to complete Step 5 to 7.

CTPM would like to congratulate the team on their success so far and look forward to the completion of the teams 7 Step process!

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