

## Teams impress at 2012 Aussie Cup Team Comp

One of the major highlights of the TPM & Lean Annual Forum is always the Aussie Cup Team Competition and with teams from B&D Doors & Openers and New Zealand Sugar going head to head, 2012 was no exception.

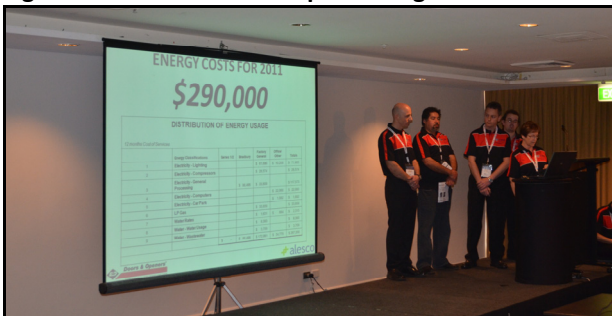
### The Power Savers

First up were B&D Doors' The Power Savers team. For this year's challenge, the five-piece chose to address the high energy consumption at their Revesby plant. In order to confront these issues, The Power Savers developed a strict team mandate to follow. The mandate involved:

- Categorising energy sources into measurable locations of use;
- Determining current usage levels; and
- Creating a 3 year plan / vision to reduce their total energy cost by 10%.

The mandate kept the team focused on expected outcomes and provided goals to strive towards throughout the journey.

**Figure 1: The Power Savers presenting at the Forum**



At the beginning of the journey, B&D Doors energy cost was approximately \$290,000, with the Factory High Bay Lights and the Bradbury Line consuming the most energy. In order to resolve the issue, The Power Savers conducted surveys throughout the factory and office to investigate employees understanding of energy usage.

The feedback was largely negative, with factory workers noting that machines and lights were often left on after the conclusion of a shift. Employees also noted that machines were

powered up when no work was scheduled and that there was a presence of air leaks. With a greater idea of their main issues, The Power Savers were able to devise an action plan to overcome these problems.

**Figure 2: The Power Savers Team**



**L to R:** Matthew Chenhall, Pam Benson, Chris Jara, Simon Kayess, Adrian Thomas (TPM<sup>3</sup> Co-ordinator), and Shane Brack

The plan involved powering down the Bradbury presses between shifts, purchasing energy saving tubes and rewiring lighting to enable individual switches for each area. In order to address the compressor air leaks, an audit has been scheduled for November.

The Power Savers have predicted that just by turning off 135 of the 167 High Bays, the business can make savings of \$13,000 per annum. By changing to low energy LED lights, they can make further savings of \$40,000 per annum. Just over the past few months, B&D Doors have already **reduced their energy consumption by 15% per production hour.**

Although it has involved some hard work, The Power Savers could not be more pleased with their results. "We were pretty naive as to where our power was actually going until we did the internal audit, but it was well worth doing," admits Matthew Chenhall, B&D Doors & Openers' NSW Operations Manager. The Power Savers achieved some impressive results and set a high standard for their opponents to follow.

## The Shift

Up next and all the way from New Zealand was The Shift team. Beginning their journey in 2008 and currently undergoing Cycle 14, New Zealand Sugar has a strong history in TPM. Currently, 70% of their 230 employees and permanent contractors are involved in TPM processes.

The challenges confronted by The Shift involved creating a standardised workplace through a major cleanup operation. The team began with Work Area Management (WAM) and developed into Operator Equipment Management (OEM) activities to identify all defects and sources of contamination. "We religiously followed the 10 steps of OEM-2," explained Reggie Belran.

Figure 3: The Shift Team



**L to R:** Aaron Jacobs (TPM<sup>3</sup> Co-ordinator), Ramon Bacit, Dave Miles, Reggie Belran, Tau Meki, Garry Sherman, and Tony Grant (Production Manager)

In order to achieve sustained results, The Shift conducted TPM meetings each week during which they discussed and updated tasks, whilst assessing the progress of each task to ensure they were on track. By removing a redundant water balance tank and two pumps, The Shift was able to reduce their energy costs by **\$2,000 per annum** also. Out of the 37 defects identified **the team resolved 36 of them and made savings of \$30,000.**

The Shift were so ahead with their improvement, they often had time to double check their past issues to ensure sustained results. Not only did The Shift significantly improve their workplace, their efforts also had a large impact upon the employees. With a strong standard of workmanship, The Shift has created a positive atmosphere amongst other teams using TPM and encouraged them to step up. According to Ramone Bacit, "We have no room for error, but lots of room for improvement."

After the conclusion of the presentations and probably one too many Coopers beers, it was time to announce the winner. The audience waited with bated breath as CTPM President, Ross Kennedy opened the envelope to reveal New Zealand Sugar's The Shift team as the winners!

Figure 4: The Shift team members celebrating the win!



Whilst accepting the award, Reggie gave special thanks to the team. "These are the best operators I have ever worked with," he said.

However, the runners up also received a mention when Tau thanked them for "trying to catch up with us."

On behalf of everyone at CTPM, we would like to congratulate both The Shift and The Power Savers on their great achievements and we cannot wait to see what other impressive results the next Aussie Cup Competition shall bring.

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