

## “Pressing The Max” At Holden



On Wednesday 18 October 2006, Holden’s Stamping Plant situated at the Elizabeth site in South Australia hosted the fifth South Australian Region, 2006 TPM<sup>3</sup> Learning Group Network Meeting (LGNM). The meeting theme was *“Measuring Equipment & Process Performance”*

Holden’s host, Lynette Tainsh (Kaizen Advisor) kicked off the meeting with an informative presentation on the new Blanking & Press Lines installed as part of the Press Shop upgrade to accommodate the new VE Commodore model stampings. Lynette’s presentation also covered on Holden’s Measurement model “Business Plan Deployment” (BPD) and the “Visual Management Centre” (VMC) where all the Blanking & Press performance measures are displayed and reviewed. Also covered was the plant’s Total Productive Maintenance Inspection Systems. Following the presentation delegates from CTPM member companies including Boart Longyear, NCI Packaging, Orrcon and guest companies Brice Metals Australia and Viscount Plastics were given a plant tour of the Press Shop.

Lynette’s presentation explained how Holden employs a standard measurement model that is applied by all plants and sites called the Business Plan Deployment (BPD).

The BPD model has five key focus measures for the business including, Safety, People Quality, Responsiveness and Cost.

These measures are what drive Holden’s business and the BPD model is consistently replicated all round the plant with each department’s own data. This was quite noticeable on the plant tour.

The TPM<sup>3</sup> – Australasian Lean methodology applies the “Site Goal Alignment Measurement Model” (refer to figure 1) to assist companies in developing and establishing their own measures with standard Site and Area Scoreboards.

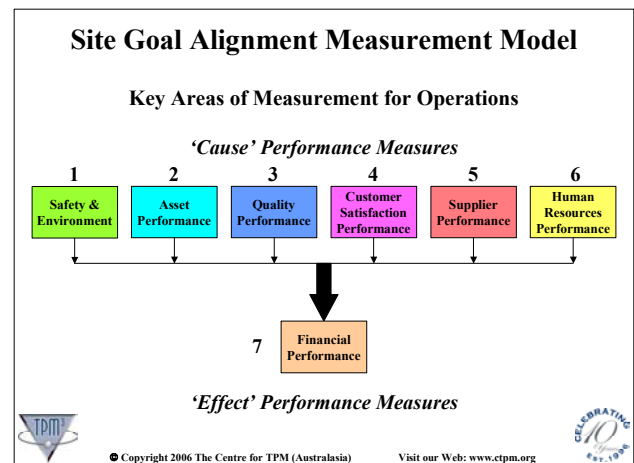


Figure 1. Site Goal Alignment Measurement Model

Supporting the BPD model is the plants Visual Management Centre (VMC). This a room where all the plant’s Presses & Blanking lines performances are reported on a shift by shift basis and reviewed at the start of every shift. Also weekly and monthly trends are plotted and displayed.

## TPM Periodic Inspection System

The Press shop had also develop a good visual system used by operators and maintenance staff to indicate the completion of regular periodic inspection of the Press & Blanking Lines on daily, weekly and monthly basis. Using a simple colour system of red (not completed) and green (completed) tags on a standard board, supported by detailed work instructions on how to conduct the inspections.



Meeting delegates having fun with the OEE simulation exercise

As always the meeting's final activity was the Learning Group exercise. This time the delegates had some fun participating in the OEE simulation. This included delegates working in their groups and using the data collected during the simulation to calculate the OEE using the High Level equation. Then the two groups were given a second task of charting the first level Pareto chart of losses.

Once again thanks to Holden – Stamping Plant for being the host site and a special thanks goes to Lynette Tainsh, for helping to organise the meeting.

For further information about TPM<sup>3</sup> – Australasian Lean or future TPM<sup>3</sup> – Australasian Lean Learning Group Meetings in 2007 contact Larry Mazza, SA / WA Regional Manager on 0408 743 214.