

## Oven Upgrades done at DAPC

DAPC is firmly committed to Preventive Maintenance and continuous Process Improvement. A scheduled maintenance shutdown of the final bake soldermask oven, recently gave the maintenance team an opportunity to combine the two programs.

The boards are carried through the oven by holders attached to roller chains. Normal wear and tear had caused the chain to stretch, causing the oven to occasionally miss boards which backs up or slows down our process.

The upgrade included new roller chains to restore oven spacing and timing and additional roller chains to assist and promote board baking alignment plus, ensuring a consistent travel time through the oven. New input roller coating and speed adjustment now carry the boards smoothly into the holders.

With the cooperation of Jowlabar, the maintenance team was able to extend the downtime period to give their attention to the oven unloader as well.

Additional improvements were made to the automatic unloader which takes the boards off the exit rollers and flips them upright onto a cassette for the operator to collect. The unloader now flips the boards with less force greatly reducing handling issues.

During this upgrade over 1,800 screws had to be replaced. Thanks to all our maintenance staff who worked on the oven upgrade. The maintenance team is Steve, Dominic, Jae-chun, Mark and Dong.



*Featured left to right: Jae-chun and Dominic*