

# Advanced Web Technology Labels & Packaging, Minneapolis



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## Organization

AWT Labels & Packaging produces high quality labels and flexible packaging for some of the largest consumer goods manufacturers in the nation.

## Intern Project

Reduce the amount of run waste generated on the four P-series presses, as well as investigate alternative cleaning chemicals with low VOC-content.

## Incentives to Change

Current waste comprises 10% of their total stock used, thousands of tons of material are wasted, and eventually incinerated. Also, many currently used cleaning solvents have high VOC-contents, decreasing the air quality of the Twin Cities.



Minnesota Technical  
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## Solutions

### Roll Change Standard Work:

Create the process of changing rolls. Implement best practices into the roll change procedure. Offload non-essential tasks when press is down to when the press is online.

### Substitute Alternative Cleaning Products:

Standardize the use cleaning solvents, and phase-out VOC-intensive products for EPA Green Circle certified solutions.

### Manually Stop Press at Roll Change:

Monitor unwinding base stock and manually stop the press when only a few wraps are left, minimizing the amount of remaining stock.

