### Incentives to Change
Streamline process flows and reduce energy usage to help achieve lean manufacturing goals.

### Intern Project
Research ways to reduce energy usage through better machine management, reuse and recycle of scrap plastic, and improve workflow in assembly.

### Organization
Plastech Corporation, a custom manufacturer of high quality, injection molded components and fully assembled products.

### Solutions

#### Reduce Energy Use:
- Install monitors on active grinders to reduce idle time. Exchange pneumatic devices for electric and create a compressed air leak prevention program.

#### Increase Labor & Space Efficiency:
- Reconfigure the assembly layout to optimize process efficiency.
- Purchase new equipment to address efficiency and ergonomic issues.

#### Reduce Waste:
- Resell excess & contaminated material while creating a central grinding location to reduce potential for contamination, and separate waste by resin to recycle with a nearby facility.