

# Ada Technologies, Ada

**Intervention Key Words:** Anti-fatigue Matting, Lift Tables

**Industry:** Manufacturing

**Risk Factor(s):** Awkward Posture- Back deviations, Squatting/Kneeling, Repetitive motion

## Situation:

Ada Technologies is a manufacturing facility which specializes in automotive shifters and transmission components. Work involves assembly, inspection, welding, packing and various machine operations. Throughout the facility workers experience Cumulative Trauma Disorder risks while performing their tasks. These risks include static posture while standing on a concrete floor and repetitive bending/reaching into parts containers. The risks pose a threat for injury to the legs and back by impeding blood flow and nerve conduction to these areas.



**Risk factors include excessive bending and standing on concrete floors for long periods of time**

## Solution:

In order to address a few of their CTD issues, Ada Technologies purchased 49 anti-fatigue mats to be placed at various workstations throughout the factory. These mats are designed to decrease back and leg discomfort while reducing slips and trips due to contaminated floors. They also invested in 4 lift tables to distribute to locations that needed them. The tables bring the parts bins up to a proper height while tilting for easy access. Total cost for the intervention was

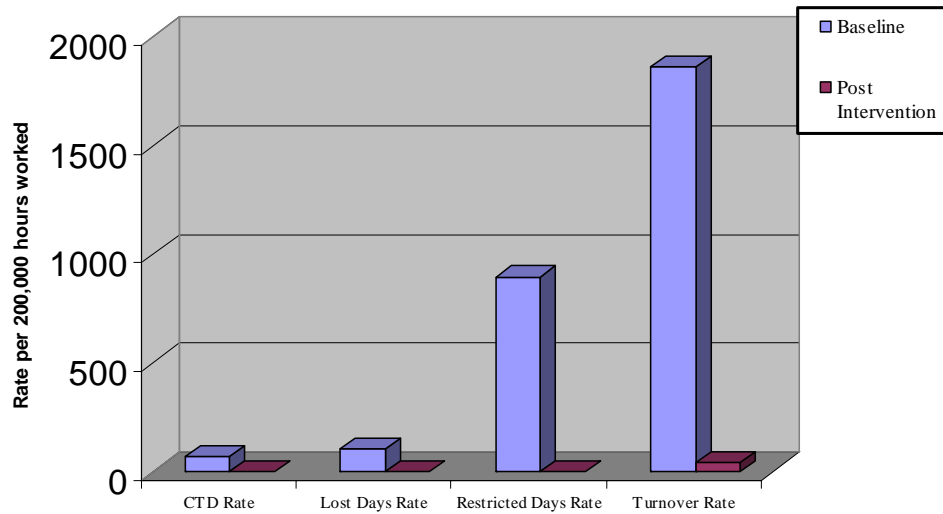


\$27,287. SafetyGrant\$ provided \$20,852 in assistance to offset the costs.



Lift tables reduce CTD risks

**Results:**



- CTD, Lost Days and Restricted Days rates (standardized per 200,000 hours worked) decreased 100% in 24 months following the intervention compared to the year prior.
- Employee Turnover rate decreased nearly 98% in the same time period.
- CTD Risk Factor scores, averaged over 2 tasks, decreased 73% following the intervention.