

## Mechanical Module Level 1

# Conveyor and Drive Belt Tracking and Tensioning

### General Information

Course Number: M-104  
Format: Instructor led  
Length: 4 hours  
Maximum Students: 8

### Audience

This course is for maintenance technicians, supervisors, and people who support the conveyor system.

### Customer Requirements

A room with a projector and a marking board with markers

### Prerequisites

- A general knowledge of mechanical systems
- A general knowledge of safety and lockout/tagout procedures
- A working knowledge of tools and test equipment

### Benefits

This course is designed to increase knowledge and skills to safely perform necessary belt tracking and alignment procedures.

### Course Objectives

*Upon completion of this course, the student should be able to:*

- Identify conveyor or drive belts that are misaligned or improperly tracked
- Properly track belts to prevent damage
- Properly tension drive and conveyor belts

### Topics

- 1. General**  
*1/2 Hour*
  - a. Safety
- 2. Conveyor Belt**  
*1 3/4 Hour*
  - a. Tracking
  - b. Conveyor racking
  - c. Tensioning
- 3. Drive Belt**  
*1 3/4 Hour*
  - a. Alignment
  - b. Tensioning