

Coupling Alignment

This three-day course begins with a safety review. Next, the various types and purposes of couplings are discussed. Alignment processes are introduced and the hands-on exercises begin here. Finally, methods of measuring misalignment in rotating machinery conclude the course.

I. Introduction and Accident Prevention

- Safety
- Housekeeping
- Tag Out

II. Coupling Purposes and Types

- Couplings
- Types of Flexible Couplings
- Coupling Lubrication
- Coupling Installation
- Keys and Keyways

III. Alignment Introduction

- Shaft Alignment
- Measuring and Correcting Misalignment
- Typical Alignment Tools
- Preliminary Preparation for Alignment
- Coupling Alignment
- Preparing for Alignment, Part 1
- Foundations, Baseplates, and Machine Casings
- Preparing for Alignment, Part 2

IV. Methods for Measuring Misalignment in Rotating Machinery

- Rough Alignment Method
- Dial Indicator Method
- Making the Corrections
- Do's and Don'ts of Moving Machinery