



Roll Forming Certificate Learning Objectives

Following the course, you will:

- Know and understand the definition of roll forming
- Know basic roll forming history
- Know and understand the basic roll forming terminology
- Understand typical roll forming processes
- Understand measuring equipment used in roll forming, including calipers, micrometers, protractors, height gages, and radius gages
- Know the different types of measuring systems
- Know how to read and interpret blue prints for roll forming, including basic Gd&T part prints, roll prints, roll flowers, and die prints
- Know basic roll tooling installation
- Understand the roll forming die anatomy and theory
- Know and understand die safety
- Understand the basics of die lubrication
- Know the differences between types of roll forming machines, including rafted, standard, and duplex
- Understand proper set up/tear out
- Know how to read set up sheets
- Understand the main quality issues in roll forming
- Understand the basics of straighteners and sweep units, including single block and multiple block, roller, and Turks head
- Know and understand the different types of presses
- Understand basic trouble shooting
- Know how to keep proper documentation