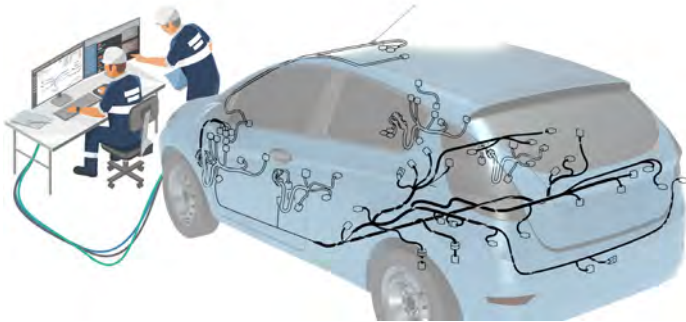


Engineering Drawings for Wiring Harnesses

eLearning courses designed to increase productivity and profits

Learning Made Simple, Visual, and Interactive



The THORS *Engineering Drawings for Wiring Harnesses* course provides a foundational understanding of the various elements present in the wiring harness engineering drawing. The course also supports interpretation of engineering drawings by offering clarity on reading and understanding the different sheets.

Credit Hours **2.5**

Learning Objectives

- Identify graphical, annotative, tabular, and administrative elements of wiring harness drawings.
- Interpret the information provided in different elements of a wiring harness drawing.
- Read and understand wiring harness drawings.
- Identify different types of wiring harness drawing sheets.
- Recognize various wiring harness drawing file formats.

Table of Contents

I. Elements

- Graphical Elements
 - Protective Coverings
 - Harness Bundles
 - Connectors
 - Splices
 - Mounting Points
 - Ground Points
 - Labels
- Annotative Elements
- Tabular Elements
 - Legends
 - Pinout Tables
 - Bill of Materials (BOM)
 - Notes

I. Elements (continued)

- Administrative Elements
 - Title Block
 - Revision Table

II. Interpretation

- Reading a Wiring Harness Drawing
- Types of Drawing Sheets
 - Main Layout Drawing Sheet
 - Annexure Drawing Sheets
 - Branch Detail Sheet
 - Splice Detail Sheet
 - Wire Run List Sheet
 - Labeling Sheet
 - Pinout Mapping Sheet

II. Interpretation (continued)

- Assembly Instruction Sheet
 - Preparatory Steps
 - Wire Preparation Steps
 - Harness Assembly Steps
 - Inspection Steps
- Visual Quality Control Sheet
- Drawing File Formats

