

Diesel Engine Fundamentals

OEM: Rockwell Automation • Duration: 3 Days (24 hrs) • Code: MMS-135

COURSE MODULES & TOPICS

Objectives

- Describe the function of a diesel engine
- List and describe the major components of a diesel engine
- Describe the basic operation of a diesel engine
- Discuss factors that affect engine operation
- Discuss maintenance activities associated with a diesel engine
- Troubleshoot common engine problems

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course

Next Level Learning

- Reciprocating Compressors Fundamentals course (MMS-140)
- Axial Flow Compressors Fundamentals course (MMS-145)
- Radial Flow Compressors Fundamentals course (MMS-150)

Course Agenda

Day 1

- Diesel Engine Function
- Diesel Engine Components

Day 2

- Diesel Engine Operation
- Diesel Engine Troubleshooting

Day 3

- Diesel Engine Troubleshooting
- Final Exam