

Ohio State
Low Pressure Operator Licensing
Preparation 56 Hour Course Schedule

Book to be used: Low Pressure Boilers by Frederick Steingress 3rd Edition,
Plus hand out and charts developed by OMCSI.

Day 1 (9.5 contact hours)

- 8:00 AM** Introduction, Day One Schedule, 56 Hours Schedule, Course Overview and Pre Work Hand In
- 9:15 AM** Break
- 10:00 AM** Boiler Operation and Principles
- 11.30 AM** Break Lunch
- 12:00 Noon** Boiler Operation and Principles
- 2:00 PM** Break
- 2:15 PM** Review and Quiz
- 4:15 PM** Break
- 4:30 PM** Boiler Fittings
- 6:30 PM** Class End

Day 2 (9.5 contact hours)

- 8:00 AM** Boiler Fittings
- 9:15 AM** Break
- 10:00 AM** Boiler Fittings
- 11:30 AM** Break Lunch
- 12:00 Noon** Boiler Fittings
- 2:00 PM** Break
- 2:15 PM** Review and Quiz

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- 3:15 PM** Break
- 3:30 PM** Feedwater System
- 6:30 PM** Class End

Day 3 (9.5 contact hours)

- 8:00 AM** Feedwater System
- 9:15 AM** Break
- 10:00 AM** Feedwater System
- 11:30 AM** Break Lunch
- 12:00 Noon** Review and Quiz
- 1:00 PM** Steam System
- 2:00 PM** Break
- 2:15 PM** Steam System
- 3:15 PM** Break
- 5:30 PM** Review and Quiz
- 6:30 PM** Class End

Day 4 (9.5 contact hours)

- 8:00 AM** Fuel System
- 9:15 AM** Break
- 10:30 AM** Fuel System
- 11:30 AM** Break Lunch
- 12:00 Noon** Review and Quiz

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- 1:00 PM** Draft System
- 2:00 PM** Break
- 2:15 PM** Draft System
- 4:45 PM** Break
- 5:00 PM** Review and Quiz
- 6:30 PM** Class End

Day 5 (9 contact hours)

- 8:00 AM** Boiler Water Treatment
- 9:15 AM** Break
- 10:00 AM** Boiler Water Treatment
- 11:30 AM** Break Lunch
- 12:00 Noon** Review and Quiz
- 1:00 PM** Boiler Operating Procedures
- 2:00 PM** Break
- 2:15 PM** Boiler Operating Procedures
- 4:45 PM** Break
- 5:00 PM** Review and Quiz
- 6:00 PM** Class End

Day 6 (9 contact hours)

- 8:00 AM** Low Pressure 'Boiler Plant Math
- 9:15 AM** Break

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- 9:30 AM** Low Pressure 'Boiler Plant Math
- 11:30 AM** Break Lunch
- 12:00 Noon** Review and Quiz
- 1:00 PM** Boiler Operation Safety, OSHA, NFPA, ASPE
- 2:00 PM** Ohio Laws and Codes
- 4:00 PM** Break
- 4:15 PM** Ohio Laws and Codes
- 5:00 PM** Student Evaluation
- 5:30 PM** Course Evaluation
- 6:00 PM** Class End

56 hours contact total