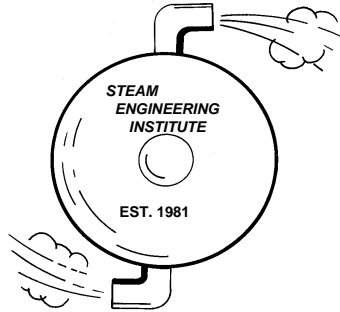


STEAM ENGINEERING INSTITUTE



SPECIAL BOILERS OPERATORS LICENSE COURSE OUTLINE

- Length of course: Eleven Lessons
- Completion time: Eight Weeks. Students are expected to complete all assignments of this course in 8 weeks. Extensions of this time will be granted for legitimate reason in writing to the President.
- Diploma Students are required to complete all requirements: lessons, assignments, and tests. A diploma will be granted to all students with a final grade of 70% or above.
- Text: High Pressure Boilers by Frederick M. Steingress Harold J. Frost. Third Edition Published by the American Technical Publishers.
- Handouts: Mass. General Laws Ch. 146 and additional handouts compiled by the Steam Engineering Institute.
- Course outline:
- Lesson 1.
 - Steam Boilers.
 - Lesson 2.
 - Steam Boiler Fittings and Accessories:
 - Lesson 3.
 - Basic Boiler Room Systems
 - Lesson 4.
 - Steam and Water Accessories
 - Lesson 4 A
 - Chapter 146 and other Laws.
 - Lesson 5
 - Fuel Burning Equipment
 - Lesson 6.
 - Draft
 - Lesson 7.
 - Combustion
 - Lesson 8.
 - Combustion Controls
 - Lesson 9.
 - Instruments
 - Lesson 10.
 - Boiler Water Treatment
 - Lesson 11.
 - Steam Boiler Operation
 - Lesson 12
 - Licensing