

The National Board

Inservice Inspector Commission (IS) Course

AGENDA

Day 1

Session	From	To	Title
	08:30 AM	08:45 AM	Introductory Remarks
1	08:45 AM	09:15 AM	Objectives and Overview
2	09:15 AM	10:05 AM	RCI-1, NB-263, Rules for Commissioned Inspectors
3	10:15 AM	12:30 PM	Terminology of Boilers and Pressure Vessels
	12:30 PM	01:30 PM	Lunch
4	01:30 PM	02:20 PM	Boiler Operation Principles, Low Pressure Boilers, Chapter 1
5	02:30 PM	03:30 PM	Boiler Fittings, Low Pressure Boilers, Chapter 2
6	03:30 PM	04:15 PM	Feedwater Systems, Low Pressure Boilers, Chapter 3

Day 2

Session	From	To	Title
	08:30 AM	09:30 AM	Homework and Quiz #1 with Review
7	09:30 AM	11:20 AM	Steam Systems, Low Pressure Boilers, Chapter 4, with Videos
8	11:30 AM	12:30 PM	Fuel System (Combustion Controls), Low Pressure Boilers, Chapter 5, with Video; Draft System, Low Pressure Boilers, Chapter 6
	12:30 PM	01:30 PM	Lunch
9	01:30 PM	03:15 PM	Hot Water Systems, Low Pressure Boilers, Chapter 9
10	03:15 PM	04:15 PM	Boiler Operation Procedures, Low Pressure Boilers, Chapter 8

Day 3

Session	From	To	Title
	08:30 AM	09:30 AM	Homework Review
11	09:30 AM	11:20 AM	Pressure Relief Devices
12	11:30 AM	12:30 PM	National Board Inspection Code, Part 1, Installation
	12:30 PM	01:30 PM	Lunch
	01:30 PM	04:15 PM	National Board Inspection Code, Part 1, Installation (cont.)

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Day 4

Session	From	To	Title
	08:30 AM	09:10 AM	Homework and Quiz #2 with Review
13	09:10 AM	12:30 PM	National Board Inspection Code, Part 2, Inspection
	12:30 PM	01:30 PM	Lunch
	01:30 PM	04:15 PM	National Board Inspection Code, Part 2, Inspection (cont.), and Inspection Forms Checklist

Day 5

Session	From	To	Title
	08:30 AM	09:30 AM	Homework and Quiz #3 with Review
14	09:30 AM	12:30 PM	NBIC, NDE Fundamentals with NDE Demonstration
	12:30 PM	01:30 PM	Lunch
15	01:30 PM	03:10 PM	National Board Inspection Code, Part 3, Repair and Alterations Overview
	03:20 PM	04:15 PM	Terminology/Inspection Room Activity, Part 1

Day 6

Session	From	To	Title
	08:30 AM	09:20 AM	Homework Review
16	09:20 AM	11:00 AM	ASME Section I and B31.1
17	11:10 AM	12:30 PM	ASME Section IV
	12:30 PM	01:30 PM	Lunch
	01:30 PM	02:15 PM	ASME Section IV (cont.)
18	02:15 PM	04:15 PM	ASME Section VIII Div. 1

Day 7

Session	From	To	Title
	08:30 AM	09:30 AM	Homework Review -- Turn in LP Boiler text books.
19	09:30 AM	12:15 PM	Workshop: ASME Section I Calculations
	12:15 PM	01:15 PM	Lunch
20	01:15 PM	03:15 PM	Workshop: ASME Section VIII Div. 1 Calculation
21	03:15 PM	04:15 PM	Workshop: BEP Calculations and ASME Section IV Calculations

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Day 8

Session	From	To	Title
	08:30 AM	09:30 AM	Homework Review
22	09:30 AM	10:20 AM	Workshop: NBIC Calculations (Remaining Life and Safety Valve Capacity)
23	10:30 AM	11:30 AM	Inspection Checklist Workshop: Safety Readiness
24	11:30 AM	12:15 PM	CSD-1, Controls and Safety Devices (Parts CF, CG, and CM)
	12:15 PM	01:30 PM	Class Photo in Inspection Room; Lunch
	01:30 PM	03:30 PM	CSD-1, Controls and Safety Devices (Parts CF, CG, and CM) (cont.)
	03:30 PM	04:15 PM	Terminology/Inspection Room Activity, Part 2

Day 9

Session	From	To	Title
	08:30 AM	09:20 AM	Homework Review
25	09:30 AM	12:30 PM	Installation and Inspection Plan Workshop
	12:30 PM	01:30 PM	Lunch
	01:30 PM	03:00 PM	Installation and Inspection Plan Workshop Review
26	03:00 PM	04:00 PM	Stamps and Reports
	04:00 PM	04:15 PM	Examination Review

Day 10

Session	From	To	Title
	08:30 AM	12:00 PM	Examination, Part 1
	12:00 PM	01:00 PM	Lunch
	01:00 PM	04:30 PM	Examination, Part 2