

The National Board

Inservice Inspector Commission (IS) Course

Virtual Classroom – Remote Delivery Agenda

Day 1

Session	From	To	Title
	09:00 AM	09:30 AM	Zoom Review and Introductory Remarks
1	09:30 AM	10:00 AM	Objectives and Overview
2	10:00 AM	10:50 AM	RCI-1, NB-263, Rules for Commissioned Inspectors/Duties of Inservice Inspectors
3	11:00 AM	12:30 PM	Terminology of Boilers and Pressure Vessels
	12:30 PM	01:15 PM	Lunch
	01:15 PM	02:15 PM	Terminology of Boilers and Pressure Vessels (cont.)
4	02:15 PM	03:05 PM	Boiler Operation Principles, Low Pressure Boilers, Chapter 1
5	03:15 PM	04:05 PM	Boiler Fittings, Low Pressure Boilers, Chapter 2

Day 2

Session	From	To	Title
	09:30 AM	10:30 AM	Homework and Quiz #1 with Review
6	10:30 AM	11:15 AM	Feedwater Systems, Low Pressure Boilers, Chapter 3
7	11:25 AM	12:30 PM	Steam Systems, Low Pressure Boilers, Chapter 4, with Videos
	12:30 PM	01:15 PM	Lunch
	01:15 PM	02:00 PM	Steam Systems, Low Pressure Boilers, Chapter 4, with Videos (cont.)
8	02:00 PM	03:00 PM	Fuel System (Combustion Controls), Low Pressure Boilers, Chapter 5, with Video; Draft System, Low Pressure Boilers, Chapter 6
9	03:10 PM	04:20 PM	Hot Water Systems, Low Pressure Boilers, Chapter 9

Day 3

Session	From	To	Title
9	09:30 AM	10:00 AM	Hot Water Systems, Low Pressure Boilers, Chapter 9 (cont.)
10	10:00 AM	11:00 AM	Boiler Operation Procedures, Low Pressure Boilers, Chapter 8
	11:00 AM	12:00 PM	Homework Review
	12:00 PM	12:45 PM	Lunch
11	12:45 PM	02:30 PM	Pressure Relief Devices
12	02:40 PM	04:15 PM	National Board Inspection Code, Part 1, Installation

The National Board

Inservice Inspector Commission (IS) Course

Virtual Classroom – Remote Delivery Agenda

Day 4

Session	From	To	Title
12	09:30 AM	12:30 PM	National Board Inspection Code, Part 1, Installation (cont.)
	12:30 PM	01:15 PM	Lunch
	01:15 PM	02:05 PM	National Board Inspection Code, Part 1, Installation (cont.)
	02:05 PM	02:45 PM	Homework and Quiz #2 with Review
13	02:55 PM	04:15 PM	National Board Inspection Code, Part 2, Inspection

Day 5

Session	From	To	Title
13	09:30 AM	12:00 PM	National Board Inspection Code, Part 2, Inspection (cont.)
	12:00 PM	12:45 PM	Lunch
	12:45 PM	01:45 PM	National Board Inspection Code, Part 2, Inspection and Inspection Forms Checklist (cont.)
	01:45 PM	02:40 PM	Homework Review
14	02:50 PM	04:20 PM	NBIC, NDE Fundamentals with NDE Demonstration

Day 6

Session	From	To	Title
14	09:30 AM	10:20 AM	Homework Review
	10:20 AM	11:50 AM	NBIC, NDE Fundamentals with NDE Demonstration (cont.)
15	12:00 PM	12:30 PM	National Board Inspection Code, Part 3, Repair and Alterations Overview
	12:30 PM	01:15 PM	lunch
	01:15 PM	02:25 PM	National Board Inspection Code, Part 3, Repair and Alterations Overview (cont.)
	02:35 PM	03:30 PM	Equipment, Part 1
16	03:30 PM	04:15 PM	ASME Section I and B31.1

The National Board

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Virtual Classroom – Remote Delivery Agenda

Day 7

Session	From	To	Title
16	09:30 AM	10:40 AM	ASME Section I and B31.1 (cont.)
17	10:50 AM	12:30 PM	ASME Section IV
	12:30 PM	01:15 PM	Lunch
	01:15 PM	01:40 PM	ASME Section IV
18	01:40 PM	03:30 PM	ASME Section VIII Div. 1
	03:35 PM	04:20 PM	Equipment, Part 2

Day 8

Session	From	To	Title
	09:30 AM	10:30 AM	Homework and Quiz 3 with Review
19	10:40 AM	12:30 PM	Workshop: ASME Section I Calculations
	12:30 PM	01:15 PM	Lunch
	01:15 PM	02:25 PM	Workshop: ASME Section I Calculations (cont.)
20	02:35 PM	04:15 PM	Workshop: ASME Section VIII Div. 1 Calculation

Day 9

Session	From	To	Title
	09:30 AM	10:30 AM	Homework Review
	10:30 AM	10:50 AM	Workshop: ASME Section VIII Div. 1 Calculation (cont.)
21	11:00 AM	11:50 AM	Workshop: BEP Calculations and ASME Section IV Calculations
22	11:50 AM	12:45 PM	Workshop: NBIC Calculations (Remaining Life and Safety Valve Capacity)
	12:45 PM	01:30 PM	Lunch
23	01:30 PM	02:30 PM	Safety Readiness
24	02:30 PM	04:15 PM	CSD-1, Controls and Safety Devices (Parts CF, CG, and CM)

The National Board
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Virtual Classroom – Remote Delivery Agenda

Day 10

Session	From	To	Title
24	09:30 AM	10:30 AM	CSD-1, Controls and Safety Devices (Parts CF, CG, and CM) (cont.)
	10:35 AM	11:25 AM	Homework and Quiz #4 with Review
25	11:35 AM	12:30 PM	Installation and Inspection Plan Workshop
	12:30 PM	01:15 PM	Lunch
	01:15 PM	03:10 PM	Installation and Inspection Plan Workshop (cont.)
26	03:20 PM	04:15 PM	Stamps and Reports
	04:15 PM	04:30 PM	Exam Review and Information