The National Board

Inservice Inspector Commission (IS) Course

Virtual Classroom Agenda

Day One Session	From	То	Title
56351011	9:15 am	9:30 am	Introductory Remarks
1	9:30 am	10:00 am	, Objectives and Overview
2 3	10:00 am 11:00 am	10:50 am	Rules for Commissioned Inspectors / Duties of Inservice Inspectors
5		12:30 pm	Boiler and Pressure Vessel Scope and Boundaries
	12:30 pm	1:15 pm	Lunch
4	1:15 pm	3:05 pm	Pressure Relief Devices
5	3:15 pm	4:15 pm	National Board Inspection Code, Part 1, Installation
Day Two Session	From	То	Title
00001011	9:30 am	10:15 am	Quiz #1 and Homework Review Session
5	10:15 am	12:00 pm	National Board Inspection Code, Part 1, Installation (cont.)
5	12:00 pm	12:45 pm	Lunch
	12:45 pm	1:30 pm	
6	2:00 pm	4:20 pm	National Board Inspection Code, Part 1, Installation (cont.) National Board Inspection Code, Part 2, Inspection
0	2.00 pm	4.20 pm	National Board Inspection Code, Part 2, Inspection
Day Three			
Day Three Session	From	То	Title
•	From 9:30 am	To 10:15 am	Title Quiz #2 and Homework Review Session
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Session	9:30 am	10:15 am	Quiz #2 and Homework Review Session
Session	9:30 am 10:15 am	10:15 am 12:00 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.)
Session	9:30 am 10:15 am 12:00 pm	10:15 am 12:00 pm 12:45 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch
Session 6	9:30 am 10:15 am 12:00 pm 12:45 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.)
Session 6 7	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video
Session 6 7 8 Day Four	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations
Session 6 7 8	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations Title
Session 6 7 8 Day Four	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations
Session 6 7 8 Day Four	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations Title
Session 6 7 8 Day Four Session	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm From 9:30 am	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm To 10:20 am	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations Title Quiz #3 and Homework Review Session
Session 6 7 8 Day Four Session 8	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm 9:30 am 10:25 am	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm To 10:20 am 11:40 am	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations Title Quiz #3 and Homework Review Session Overview of National Board Inspection Code, Part 3, Repairs and Alterations (cont.)
Session 6 7 8 Day Four Session 8	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm 9:30 am 10:25 am 11:50 am	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm To 10:20 am 11:40 am 12:30 pm	Quiz #2 and Homework Review SessionNational Board Inspection Code, Part 2, Inspection (cont.)LunchNational Board Inspection Code, Part 2, Inspection (cont.)NBIC, NDE Fundamentals with NDE Demonstration VideoOverview of National Board Inspection Code, Part 3, Repairs and AlterationsTitleQuiz #3 and Homework Review SessionOverview of National Board Inspection Code, Part 3, Repairs and Alterations (cont.)ASME Section I and B31.1
Session 6 7 8 Day Four Session 8	9:30 am 10:15 am 12:00 pm 12:45 pm 1:30 pm 3:40 pm 9:30 am 10:25 am 11:50 am 12:30 pm	10:15 am 12:00 pm 12:45 pm 1:20 pm 3:30 pm 4:15 pm To 10:20 am 11:40 am 12:30 pm 1:15 pm	Quiz #2 and Homework Review Session National Board Inspection Code, Part 2, Inspection (cont.) Lunch National Board Inspection Code, Part 2, Inspection (cont.) NBIC, NDE Fundamentals with NDE Demonstration Video Overview of National Board Inspection Code, Part 3, Repairs and Alterations Title Quiz #3 and Homework Review Session Overview of National Board Inspection Code, Part 3, Repairs and Alterations (cont.) ASME Section I and B31.1 Lunch

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Day Five Session	From	То	Title
Session	9:30 am	10:30 am	Homework Review Session
10	10:30 am	11:50 am	ASME Section IV (cont.)
11	12:00 pm	12:30 pm	ASME Section VIII, Div. 1
	12:30 pm	1:15 pm	Lunch
	1:15 pm	2:45 pm	ASME Section VIII, Div. 1 (cont.)
12	2:55 pm	4:15 pm	Workshop: ASME Section I Calculations
Day Six Session	From	То	Title
	9:30 am	10:30 am	Homework Review Session
12	10:30 am	12:00 pm	Workshop: ASME Section I Calculations (cont.)
	12:00 pm	12:45 pm	Lunch
13	12:45 pm	2:45 pm	Workshop: ASME Section VIII, Div 1 Calculations
14	2:55 pm	4:00 pm	Workshop: BEP Calculations and ASME Section IV Calculations
Day Seven Session	From	То	Title
36221011	9:30 am	10:30 am	Homework Review Session
	10:30 am	11:15 am	Equipment, Part 2
15	11:25 am	12:15 pm	Workshop: NBIC Calculations (Remaining Life and Safety Valve Capacity)
	12:15 pm	1:00 pm	Lunch
16	1:00 pm	2:00 pm	Inspection Checklist Workshop: Safety Readiness

Day Eight Session	From	То	Title
	9:30 am	10:15 am	Quiz #4 and Homework Review
17	10:15 am	11:00 am	CSD-1, Controls and Safety Devices (Parts CF, CG, and CM) (cont.)
18	11:10 am	12:30 pm	Installation and Inspection Plan Workshop
	12:30 pm	1:15 pm	Lunch
	1:15 pm	4:15 pm	Installation and Inspection Plan Workshop (cont.)
	4:15 pm	4:30 pm	Examination Review

CSD-1, Controls and Safety Devices (Parts CF, CG, and CM)

17

2:10 pm

4:15 pm