

The National Board

Authorized Inspector Commission (AI) Course

Virtual Classroom – Remote Delivery Agenda

Day 1

Session	From	To	Title
	08:45 AM	09:00 AM	Introductory Remarks
1	09:00 AM	11:15 AM	RCI-1, NB-263, Rules for Commissioned Inspectors / Duties of Authorized Inspectors
2	11:25 AM	12:30 PM	New Construction Terminology/Geometric Scope
	12:30 PM	01:15 PM	Lunch
	01:15 PM	02:00 PM	New Construction Terminology/Geometric Scope (cont.)
3	02:00 PM	03:45 PM	ASME Section VIII Design Calculations, Piping

Day 2

Session	From	To	Title
3	09:00 AM	09:30 AM	ASME Section VIII Design Calculations, Piping (cont.)
	09:30 AM	10:15 AM	Quiz #1 and Homework Review Session
4	10:20 AM	12:30 PM	Efficiency Determination
	12:30 PM	01:15 PM	Lunch
4	01:15 PM	01:50 PM	Efficiency Determination (cont.)
5	02:00 PM	03:05 PM	External Pressure Verification
	03:15 PM	03:45 PM	Inspection Room Activity

Day 3

Session	From	To	Title
	09:00 AM	10:00 AM	Quiz #2 and Homework Review Session
6	10:05 AM	11:25 AM	ASME Section IV Design Calculations
7	11:35 AM	12:30 PM	ASME Section I Design Calculations
	12:30 PM	01:15 PM	Lunch
	01:15 PM	02:10 PM	ASME Section I Design Calculations
8	02:15 PM	03:45 PM	ASME Section I Design Calculations, Openings

The National Board

Authorized Inspector Commission (AI) Course

Virtual Classroom – Remote Delivery Agenda

Day 4

Session	From	To	Title
9	09:00 AM	10:00 AM	Quiz #3 and Homework Review Session
	10:05 AM	10:30 AM	Inspection Room Activity
	10:40 AM	12:00 PM	Quality Control Systems
	12:00 PM	12:45 PM	Lunch
10	12:45 PM	03:45 PM	ASME Code Material Requirements

Day 5

Session	From	To	Title
10	09:00 AM	10:30 AM	ASME Materials Workshop
11	10:40 AM	11:45 PM	Impact Testing Determination
	11:45 AM	12:15 PM	Quiz #4 and Homework Review Session
	12:15 PM	01:00 PM	Lunch
12	01:00 PM	03:15 PM	Welding Processes for Inspectors
	03:15 PM	03:45 PM	Welding Demonstration Video

Day 6

Session	From	To	Title
13	09:00 AM	10:35 PM	General Fabrication Rules
14	10:45 AM	11:45 AM	Welding Fabrication Rules
15	11:45 AM	12:30 PM	ASME Section IX Welding Qualifications
	12:30 PM	01:15 PM	Lunch
	01:15 PM	03:45 PM	ASME Section IX Welding Qualifications (cont.)

Day 7

Session	From	To	Title
15	09:00 AM	09:20 AM	ASME Section IX Welding Qualifications (cont.)
	09:20 AM	09:50 AM	Quiz #5 and Homework Review Session
16	10:00 AM	12:30 PM	Welding Document Review
	12:30 PM	01:15 PM	Lunch
17	01:15 PM	03:45 PM	ASME Section V Nondestructive Examination

The National Board
Authorized Inspector Commission (AI) Course
Virtual Classroom – Remote Delivery Agenda

Day 8

Session	From	To	Title
	09:00 AM	09:30 AM	Quiz #6 and Homework Review Session
17	09:30 AM	11:35 AM	ASME Section V Nondestructive Examination (cont.)
	11:45 AM	12:30 PM	NDE Demonstration Videos
	12:30 PM	01:15 PM	Lunch
18	01:15 PM	02:20 PM	Heat Treatments
	02:30 PM	03:15 PM	Heat Treatment Workshop
19	03:15 PM	03:45 PM	Marking and Reports

Day 9

Session	From	To	Title
19	09:00 AM	10:00 AM	Marking and Reports (cont.)
20	10:10 AM	12:00 PM	Inspection and Tests
	12:00 PM	12:45 PM	Lunch
	12:45 PM	01:15 PM	Quiz #7 and Homework Review Session
21	01:15 PM	02:00 PM	Standard Bolted Flange Selection, ASME B16.5
22	02:00 PM	02:45 PM	Travelers
	02:55 PM	03:45 PM	Travelers Review Workshop

Day 10

Session	From	To	Title
22	09:00 AM	09:50 AM	Travelers Review Workshop (cont.)
	10:00 AM	10:45 AM	Quiz #8 and Homework Review Session
23	11:00 AM	12:30 PM	Final Review Workshop
	12:30 PM	01:15 PM	Lunch
	01:15 PM	03:00 PM	Final Review Workshop (cont.)
	03:00 PM	03:15 PM	Examination Review