

The National Board

Authorized Inspector Commission Course (AI) Course

AGENDA

Day 1

Session	From	To	Title
	08:30 AM	08:45 AM	Introductory Remarks
1	08:45 AM	11:00 AM	RCI-1, NB-263, Rules for Commissioned Inspectors Duties of Authorized Inspectors
2	11:10 AM	12:30 PM	New Construction Terminology/Geometric Scope
	12:30 PM	01:30 PM	Lunch
	01:30 PM	01:50 PM	New Construction Terminology/Geometric Scope (cont.)
3	02:00 PM	04:15 PM	ASME Section VIII Design Calculations, Piping

Day 2

Session	From	To	Title
	08:30 AM	09:15 AM	Quiz and Homework Review Session
4	09:15 AM	12:00 PM	Efficiency Determination
	12:00 PM	12:30 PM	Inspection Room Activity
	12:30 PM	01:30 PM	Lunch
5	01:30 PM	02:45 PM	External Pressure Verification
6	02:55 PM	04:15 PM	ASME Section IV Design Calculations

Day 3

Session	From	To	Title
	08:30 AM	09:30 AM	Quiz and Homework Review Session
7	09:40 AM	11:30 AM	ASME Section I Design Calculations
8	11:30 AM	12:30 PM	ASME Section I Design Calculations, Openings
	12:30 PM	01:30 PM	Lunch
	01:30 PM	02:00 PM	ASME Section I Design Calculations, Openings
9	02:10 PM	03:50 PM	Quality Control Systems
	03:50 PM	04:15 PM	Inspection Room Activity

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Day 4

Session	From	To	Title
	08:30 AM	09:00 AM	Quiz and Homework Review Session
10	09:00 AM	12:00 PM	ASME Code Material Requirements
	12:00 PM	01:00 PM	Lunch
	01:00 PM	03:00 PM	ASME Materials Workshop
11	03:10 PM	04:15 PM	Impact Testing Determination

Day 5

Session	From	To	Title
	08:30 AM	09:00 AM	Quiz and Homework Review Session
12	09:00 AM	11:20 AM	Welding Processes For Inspectors
	11:30 AM	12:30 PM	Welding Demonstration
	12:30 PM	01:30 PM	Lunch
13	01:30 PM	03:05 PM	Welding Fabrication Rules
14	03:15 PM	04:15 PM	General Fabrication Rules

Day 6

Session	From	To	Title
	08:30 AM	09:00 AM	Quiz and Homework Review Session
15	09:00 AM	12:30 PM	ASME Section IX Welding Qualifications
	12:30 PM	01:30 PM	Lunch
16	01:30 PM	04:15 PM	Welding Document Review

Day 7

Session	From	To	Title
	08:30 AM	09:00 AM	Quiz and Homework Review Session
17	09:00 AM	12:30 PM	ASME Section V Nondestructive Examination
	12:30 PM	01:30 PM	Lunch
	01:30 PM	02:35 PM	ASME Section V Nondestructive Examination (cont.)
	02:45 PM	04:15 PM	NDE Workshop

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Day 8

Session	From	To	Title
	08:30 AM	09:00 AM	Quiz and Homework Review Session
18	09:00 AM	10:05 AM	Heat Treatments
	10:15 AM	11:00 AM	Heat Treatment Workshop
19	11:00 AM	12:30 PM	Marking and Reports
	12:30 PM	01:30 PM	Class Photo in Inspection Room Lunch
20	01:30 PM	03:20 PM	Inspection and Tests
21	03:30 PM	04:15 PM	Standard Bolted Flange Selection, ASME B16.5

Day 9

Session	From	To	Title
	08:30 AM	09:00 AM	Quiz and Homework Review Session
22	09:00 AM	10:00 AM	Travelers
	10:10 AM	11:40 AM	Travelers Review Workshop
23	11:50 AM	12:30 PM	Final Review Workshop
	12:30 PM	01:30 PM	Lunch
	01:30 PM	04:00 PM	Final Review Workshop (cont.)
	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