



Rockland County

Ed Day, Rockland County Executive

Office of Consumer Protection

50 Sanatorium Road, Building A, 5th Floor, Pomona, NY 10970
Phone: (845) 364- 3901 Email: CPLCAL@co.rockland.ny.us

Kimberly Von Ronn, Esq.
Director and Public Advocate

Dear Mechanical Contractor Applicant,

Please review the following resources to help you prepare for your upcoming Brewster Examination(s):

Classroom Instruction: Al Schimanski offers courses for Plumbing/Mechanical Board Exams.

Tutoring Services: The following providers offer services for Plumbing/Mechanical Board Exams.

- **Al Schimanski**
✉ aldenphac@aol.com
☎ (863) 604-5426
- **Scott Bishop**
✉ lane@scottbishoptraining.com
☎ (201) 852-0600
- **Dan O’Gorman**
✉ danogorman@verizon.net
☎ (732) 661-1935 or (732) 841-5799

Sample Exam Layout - Preview the format of your exam at: www.brewstertech.com/sample.

Login Credentials:
Username: **ptguest**
Password: **@Putnam1**

Exam Reference Materials
<https://shop.iccsafe.org/>

Important Exam Information – Please Read Carefully

It is your responsibility to thoroughly review all exam materials provided. Failure to follow the instructions exactly as outlined in your Brewster Letter may impact your test score. Please note that neither Brewster Technology nor the Rockland County Office of Consumer Protection will be held responsible for any issues resulting from a failure to comply with these guidelines.

If you have any questions, reach out to Brewster Technology **prior to your scheduled test date**. We also expect all examinees to treat Brewster Technology staff with respect and to comply with any reasonable requests made during the testing process.

ROCKLAND COUNTY CONTRACTOR EXAMS-TESTING LOCATION-BREWSTER TECHNOLOGY, 16 MOUNT EBO RD. S., STE.18, BREWSTER, NY 10509

C-Master Plumber with Gas Piping		100 multiple-choice questions Exam fee: \$135 (CBT) Open book—4-hour time limit	
Content Area	% of Total	Approved References	70% Correct to Pass
Administration & General Regulations	34%	2024 <i>International Plumbing Code</i> ®	
Plumbing Fixtures	13%	2024 <i>International Fuel Gas Code</i> ®	
Water Supply and Distribution	10%		
Sanitary Drainage	8%		
Plumbing Vent Requirements	6%		
Traps, Interceptors, and Separators	5%		
Storm Drainage	2%		
Gas Piping	22%		
Total	100%		

Master HVAC		100 multiple-choice questions Exam fee: \$135(CBT) Open book—4-hour time limit	
Content Area	% of Total	Reference	70% Correct to Pass
Administration & General Regulations	25%	2024 <i>International Mechanical Code</i> ®	
Appliances & Mechanical Equipment-includes low & high pressure boilers	17%	2024 <i>International Fuel Gas Code</i> ®	
Exhaust and Ventilation Systems	7%	2023 <i>National Electrical Code</i>	
Duct Systems	12%	<i>Boiler Operator's Guide, 4th ed., 5th ed.</i>	
Combustion Air	5%	<i>Please note-The edition of additional references listed above may also be updated</i>	
Chimneys and Vents	7%		
Fuel Supply Systems	14%		
Hydronics	5%		
Electrical	8%		
Total	100%		

Refrigeration Master		75 multiple choice questions Exam fee \$135 (CBT) Open book-3.5-hour time limit	
Content Area	% of Total	References	70% Correct to Pass
Definitions and General Requirements	17%	2024 <i>International Mechanical Code</i>	
Compressors and Types of Systems	11%	2014 <i>Modern Refrigeration and Air Conditioning</i>	
Evaporators, Condensers, and Cooling Towers	9%		
Piping Inspection and Field Testing	11%		
Air Ducts and Insulation	11%		
Electrical and Controls	13%		
Refrigerants	12%		
Operation and Maintenance	16%		
Total	100%		

Master Heating		60 multiple-choice questions Exam fee: \$135 (CBT) Open book—3.5-hour time limit	
Content Area	% of Total	Approved References	70% Correct to Pass
General Principles	15%	2024 <i>International Mechanical Code</i>	
Air Distribution	25%	2024 <i>International Fuel Gas Code</i>	
Gas Furnaces and Piping	25%	2024 <i>International Residential Code</i>	
Piping in HVAC Systems	15%	2014 <i>Modern Refrigeration and Air Conditioning, 19th ed.</i>	
Air Conditioning	10%	<i>Low Pressure Boilers, 3rd ed.</i>	
Boilers	10%	2005 <i>SMACNA HVAC Duct Construction Standards, 3rd ed.</i>	
Total	100%		

Master Sheet Metal		100 multiple-choice questions Exam fee: \$135 (CBT) Open book—4-hour time limit	
Content Area	% of Total	Approved References	70% Correct to Pass
Principles & Terminology	4%	2024 <i>International Fuel Gas Code</i>	
Workman Safety	8%	2024 <i>International Mechanical Code</i>	
Duct Systems Materials	13%	2005 <i>SMACNA HVAC Duct Construction Standards, 3rd ed.</i>	
Combustion Air	4%	2006 <i>SMACNA HVAC Systems Duct Design Standards, 4th ed.</i>	
Exhaust Systems	10%		
Fresh Air and Ventilation Systems	12%		
Grease Hoods	8%		
Supply and Return Duct Systems	16%		
Appliance Venting	10%		
Testing, Adjusting, and Balancing	4%		
Plan Reading and Analysis	11%		
Total	100%		

Exam Title: C Master Plumber with Gas Piping

100 multiple-choice questions

4-hour limit

References2024 *International Plumbing Code*2024 *International Fuel Gas Code*

Task	Content Area	Item Count	Percent
01	Administration and General Regulations	34	34
0101	Task area 1 - General Installation Requirements		
0102	Task area 2 - Code Definitions and Terms		
0103	Task area 3 - Plan Reading		
0104	Task area 4 - Testing		
0105	Task area 5 - Materials		
02	Plumbing Fixtures	13	13
0201	Task area 1 - Water Heaters		
0202	Task area 2 - Water Closets and Urinals		
0203	Task area 3 - Specialty Fixtures		
0204	Task area 4 - Bathtubs, Showers, Sinks, and Lavatories		
03	Water Supply and Distribution	10	10
0301	Task area 1 - Service Distribution and Piping		
0302	Task area 2 - Water Supply and Pressure		
0303	Task area 3 - Protection of Potable Water Supply		
04	Sanitary Drainage	8	8
0401	Task area 1 - Building Sanitary Drainage		
0401	Task area 2 - Sumps and Ejectors		
0402	Task area 3 - Indirect and Special Waste Systems		
05	Plumbing Vent Requirements	6	6
0501	Task area 1 - Vent Connections and Grades		
0502	Task area 2 - Vent Terminals		
06	Traps, Interceptors, and Separators	5	5
0601	Task area 1 - Installation of Traps		
0602	Task area 2 - Interceptors and Separators		
07	Storm Drainage	2	2
0701	Task area 1 - Storm Drainage		
08	Gas Piping	22	22
0801	Task area 1 - Gas Piping for Service & Distribution Piping		
0802	Task area 2 - Gas Piping Rqmts, Specific Appliances Equip		
0803	Task area 3 - Source of Combustion Air & Duct Openings		
0804	Task area 4 - Fuel-burning App Vent, Connector, Chimney		
		100	100

Exam Title: Master HVAC

100 multiple-choice questions

4-hour limit

References*2024 International Fuel Gas Code**2024 International Mechanical Code**2023 National Electric Code**Boiler Operator's Guide, 4th Ed.*

Task	Content Area	Item Count	Percent
01	Administration and General Regulations	25	25
0101	Task area 1 - General Installation Requirements		
0102	Task area 2 - Code Definitions and Terms		
0103	Task area 3 - Plan Reading		
0104	Task area 4 - Testing		
02	Appliances & Mechanical Equipment-includes low and high pressure boilers	17	17
0201	Task area 1 - Heating Equipment & Gen App Installation		
0202	Task area 2 - Water Heaters and Boilers		
0203	Task area 3 - Cooling and Refrigeration Systems		
0204	Task area 4 - Hydronic and Other Systems		
03	Exhaust and Ventilation Systems	7	7
0301	Task area 1 - Exhaust Fan & Product Conveying Systems		
0302	Task area 2 - Commercial Hoods & Kitchen Ventilation		
04	Duct Systems	12	12
0401	Task area 1 - Duct Construction, Installation & Plenums		
0402	Task area 2 - Smoke and Fire Dampers		
05	Combustion Air	5	5
0501	Task area 1 - Combustion Air		
06	Chimneys and Vents	7	7
0601	Task area 1 -Venting of Fuel Burning Appliances		
0602	Task area 2 - Chimney and Vent Connectors		
07	Fuel Supply Systems	14	14
0701	Task area 1 - Fuel Supply Installation, Testing, and Sizing		
08	Hydronics	5	5
0801	Task area 1 - Steam boilers and Water Control		
09	Electrical	8	8
0901	Task area 1 - Electrical controls, Installation, and Appliances		
		100	100

Exams are usually held on the second month of each quarter. Your open book exam will be administered by Brewster Technology, 16 Mount Ebo Road S., SUITE 18, Brewster, NY 10509. [DIRECTIONS TO BREWSTER TECHNOLOGY.](#) The doors to testing open 30 minutes prior to your appointment.

Resources for Courses

Classroom Instruction

Al Schimanski- Plumbing/ Mechanical Board Exams

Tutoring Services

Plumbing/Mechanical Board Exams

Please contact:

Scott Bishop

scottbishoptraining.com

ana@scottbishoptraining.com

(201) 852-0600

Dan O’Gorman

danogorman.net

danogorman@verizon.net

(732) 661-1935

(732) 841-5799

Al Schimanski

aldenphac@aol.com

(863) 604-5426

Exam Reference Materials:

<http://shop.iccsafe.org/>

*****The above list is for informational purposes only and is not intended to be a comprehensive list of all available exam preparation resources and is not to be construed as an endorsement of any provider by The Rockland County Department of Consumer Protection. Exam candidates are solely responsible for choosing their method of study and/or preparation for the licensing examination. *****