

Michigan Department of Licensing and Regulatory Affairs  
Bureau of Construction Codes  
Board of Mechanical Rules  
P. O. Box 30254  
Lansing, Michigan 48909  
517-241-9325

## **MECHANICAL CONTRACTOR LICENSING EXAM REFERENCE MATERIALS**

The following is a list of suggested reading material that may assist you in studying for the Examination. However, all materials will not be allowed in the Exam room.

### **Law**

1. Public Act 192 of 1984, Forbes Mechanical Contractors Act

May be obtained from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, P.O. Box 30255, Lansing, MI 48909 (Not allowed in exam room)

Cost: \$2.50

2. Licensing Examination Procedures

May be obtained from: Same as #1 (Not allowed in exam room)

Cost: No charge

3. Public Act 230 of 1972, as amended, State Construction Code Act

May be obtained from: Same as #1 (Not allowed in exam room)

Cost: \$2.50

The above information is also available on our Web Site – [www.michigan.gov/bcc](http://www.michigan.gov/bcc)

## **Hydronic Heating and Cooling and Process Piping**

1. 2009 Michigan Mechanical Code and 2006 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

## **HVAC Equipment**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. ACCA Manual D-1995, Duct Design for Residential Winter and Summer Air Conditioning and Equipment Selection

May be purchased from: ACCA, 2800 Shirlington Rd., Suite 300, Arlington VA 22206, (703) 575-4477 Fax (703) 575-4449

3. ACCA Manual J-2006

May be purchased from: Same as #2

4. SMACNA, Standard "HVAC Duct Construction Standards-Metal and Flexible", Third Edition, 2005

5. SMACNA, Standard "Fibrous Duct Construction Standards", 2003

May be purchased from: SMACNA, 3221 W. Big Beaver, Suite #305, Troy, MI 48084. (248) 649-5450

6. Any service manuals available from most book stores (Heating & Refrigeration and Air Conditioning Service) (Not allowed in exam room)

7. International Fuel Gas Code 2009

May be purchased from: International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

## **Ductwork**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*  
  
May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233
2. ACCA (Air Conditioning Contractors of America) Manual D-1995, Duct Design for Residential Winter and Summer Air Conditioning and Equipment Selection  
  
May be purchased from: ACCA, 2800 Shirlington Rd., Suite 300, Arlington, VA 22206 (703) 575-4477 Fax (703) 575-4449
3. ACCA Manual J-2006  
  
May be purchased from: Same as #2
4. SMACNA, Standard "HVAC Duct Construction Standards-Metal and Flexible", Third Edition, 2005
5. SMACNA, Standard "Fibrous Duct Construction Standards", 2003  
  
May be purchased from: SMACNA, 3221 W. Big Beaver, Suite #305, Troy, MI 48084, (248) 649-5450

## **Refrigeration**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*  
  
May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233
2. ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.) Standard 15-2004, "Safety Code for Mechanical Refrigeration"  
  
May be purchased from: ASHRAE, Inc., 1791 Tullie Circle NE, Atlanta, GA 30329

**Limited Heating Service**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. Any service manuals available from most book stores (Not allowed in exam room)

**Unlimited Heating Service**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. Any service manuals available from most book stores (Not allowed in exam room)

**Limited Refrigeration and Air Conditioning Service**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. Any standard service manuals available from most book stores (Not allowed in exam room)

**Unlimited Refrigeration and Air Conditioning Service**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. Any standard service manuals available from most book stores (Not allowed in exam room)

### **Fire Suppression**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. NFPA (National Fire Protection Association) Standard 13-2007, NFPA 13-D and NFPA-13R-2007, "Installation of Sprinkler Systems"

May be purchased from: National Fire Protection Association, Battery March Park, Quincy, MA 02269-9990, 1-800-344-3555

### **SPECIALTY CLASSIFICATIONS**

#### **Solid Fuel**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. NFPA (National Fire Protection Association) Standard 211-2006, "Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances"

May be purchased from: National Fire Protection Association, Battery March Park, Quincy, MA 02269-9990, 1-800-344-3555

#### **Solar**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

## **Gas Piping/Gas Piping & Venting**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. International Fuel Gas Code 2009

May be purchased from: International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

## **L. P. Tank & Pipe**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. NFPA (National Fire Protection Association) Standard 58-2008, "LP Gas Code"

May be purchased from: National Fire Protection Association, Battery March Park, Quincy, MA 02269-9990, 1-800-344-3555

## **Underground Tank & Pipe**

1. 2009 Michigan Mechanical Code and 2009 Michigan Residential Code\*\*

May be purchased from: Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes (available in office only) or International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, (888) 422-7233

2. NFPA (National Fire Protection Association) Standard 58-2008, "LP Gas Code"

May be purchased from: National Fire Protection Association, Battery March Park, Quincy, MA 02269-9990, 1-800-344-3555

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|  | Law | Hydronic Htg<br>Clg & Process<br>Pipe | HVAC<br>Equip | Duct | Refrig | Ltd Htg<br>Service | Unltd Htg<br>Service | Ltd Ref/AC<br>Service | Unltd Ref/AC<br>Service | Fire<br>Supp | SPECIALTY CLASSIFICATIONS |       |                    |                     |                         |   |   |   |   |
|--|-----|---------------------------------------|---------------|------|--------|--------------------|----------------------|-----------------------|-------------------------|--------------|---------------------------|-------|--------------------|---------------------|-------------------------|---|---|---|---|
|  |     |                                       |               |      |        |                    |                      |                       |                         |              | Solid<br>Fuel             | Solar | Gas Pipe<br>& Vent | L.P.<br>Tank & Pipe | Undergrd<br>Tank & Pipe |   |   |   |   |
| Public Act 192 of 1984   | X   |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| Public Act 230 of 1972   | X   |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| 2009 Michigan Mechanical Code                                  |     | X                                     | X             | X    | X      | X                  | X                    | X                     | X                       | X            | X                         | X     | X                  | X                   | X                       | X | X | X | X |
| 2009 Michigan Residential Code                                 |     |                                       | X             | X    | X      | X                  | X                    | X                     | X                       | X            | X                         | X     | X                  | X                   | X                       | X | X | X | X |
| 2006 Michigan Residential Code                                 |     | X                                     |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| Smacna HVAC Metal & Flexible                                   |     |                                       | X             | X    |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| Smacna Fibrous Duct Cons Std                                   |     |                                       | X             | X    |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| ACCA Manual D  |     |                                       | X             | X    |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| ACCA Manual J  |     |                                       | X             | X    |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| Guide 2000 "Install /Design Res Htg"                           |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| ASHRAE Std 15-2004   |     |                                       |               |      | X      |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| International Fuel Gas Code 2009                               |     |                                       | X             |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| NFPA-Std 13R-2007 Install Sprinkler                            |     |                                       |               |      |        |                    |                      |                       |                         | X            |                           |       |                    |                     |                         |   |   |   |   |
| NFPA-Std 13-2007   |     |                                       |               |      |        |                    |                      |                       |                         | X            |                           |       |                    |                     |                         |   |   |   |   |
| NFPA-Std 13D   |     |                                       |               |      |        |                    |                      |                       |                         | X            |                           |       |                    |                     |                         |   |   |   |   |
| NFPA-Std 58-2008 LP Gas Code                                   |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   | X |   | X |
| NFPA-Std 211-2006 Chimney, etc.                                |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   | X |   |   |
| <b>1st Test 165 Questions</b>                                  |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| <b>Combines-</b>   |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| <b>HVAC</b>  |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| <b>Duct Work</b>   |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| <b>Gas, Piping and Venting</b>                                 |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |
| <b>** LAW IS ONLY SECTION OF TEST THAT IS NOT OPEN BOOK **</b> |     |                                       |               |      |        |                    |                      |                       |                         |              |                           |       |                    |                     |                         |   |   |   |   |