

Master and Journeyman Steam and Hot Water Content and References (revised 4/8/2016)

775 Minnesota (Minneapolis) Master Steam and Hot Water		100 multiple choice questions
Passing Score: 75%		Exam Fee: \$105 (CBT)
		Open Book - 3 hour time limit
Content Area	% of Total	Reference
General	25%	1. 2015 Minnesota Mechanical and Fuel Gas Code 2. <i>Low Pressure Boilers</i> , 3rd ed., Frederick M. Steingress 3. 2008 ASHRAE Handbook <i>Hydronic Heating</i> , Ch 10 and 12
Piping and Equipment Installation	20%	
Pipes, Valves, Fittings, Accessories	10%	
Hydronics (Hot Water & Chilled Water)	15%	
Steam	20%	
Controls	10%	
Total	100%	

776 Minnesota (Minneapolis) Journeyman Steam and Hot Water		100 multiple choice questions
Passing Score: 70%		Exam Fee: \$105 (CBT)
		Open Book - 3 hour time limit
Content Area	% of Total	Reference
General		1. 2015 Minnesota Mechanical and Fuel Gas Code 2. <i>Low Pressure Boilers</i> , 3rd Ed.m, Frederick M. Steingress 3. 2008 ASHRAE Handbook <i>Hydronic Heating</i> , Ch 10 and 12
Warm Air Heating		
Ventilation		
Duct Construction		
Insulation		
Combustion Air		
Total	100%	