

**Master and Journeyman Refrigeration Content and References** (revised 4/8/2015)

<b>769 Minnesota (Minneapolis) Master Refrigeration</b>		80 multiple choice questions
Passing Score: 75%		Exam Fee: \$105 (CBT)
		Open Book - 3 hour time limit
<b>Content Area</b>	<b>% of Total</b>	<b>Reference</b>
ACR	40%	1. 2015 Minnesota Mechanical and Fuel Gas Code 2. 2014 ASHRAE 15, <i>Safety Standards for Refrigeration Systems</i> 3. 2013 ASHRAE 34, <i>Designation and Classification of Refrigerants</i> 4. <i>Modern Refrigeration and Air Conditioning</i> , 18th or 19th ed 5. <i>Refrigeration and A/C Technology</i> , 7th ed
Commercial Refrigeration Systems	25%	
Controls	10%	
Piping, tubing and related equipment	10%	
Refrigeration Gases	15%	
<b>Total</b>	100%	

<b>768 Minnesota (Minneapolis) Journeyman Refrigeration</b>		70 multiple choice questions
Passing Score: 70%		Exam Fee: \$105 (CBT)
		Open Book - 3 hour time limit
<b>Content Area</b>	<b>% of Total</b>	<b>Reference</b>
ACR	45%	1. 2015 Minnesota Mechanical and Fuel Gas Code 2. 2014 ASHRAE 15, <i>Safety Standards for Refrigeration Systems</i> 3. 2013 ASHRAE 34, <i>Designation and Classification of Refrigerants</i> 4. <i>Modern Refrigeration and Air Conditioning</i> , 18th or 19th ed 5. <i>Refrigeration and A/C Technology</i> , 7th ed
Commercial Refrigeration Systems	15%	
Controls	15%	
Piping, tubing and related equipment	10%	
Refrigeration Gases	15%	
<b>Total</b>	100%	