

## Examination Contents, References, Time Allotment and Fees

**IAPMO Mechanical Inspector**

**Exam ID: I2**

**Examination Reference: 2009 UMC**

150 Multiple Choice questions  
 Closed book questions 100 - 2 hours allowed  
 Open book questions 50 - 2 hours allowed

Passing grade 75% (minimum each portion)  
 Total time allowed 4 hours  
 Examination Fee: \$190

### % OF EXAM

### TOPIC

7%	Definitions
5%	Gas Equipment, Electrical Connections, Condensate Waste and Controls
1%	Evaporative Cooling Systems
10%	Product Conveying Systems, Terms, Clothes Dryers, Supports, Clearances, Outlets
11%	Commercial Hoods-Kitchen Ventilations, Duct Sizing, Grease Removal, Exhaust Clearances, Installations, Air Movement
7%	Duct Systems, Installation, Materials, Automatic Shutoffs, Supports
9%	Combustion Air
9%	Chimney and Vent Specifications and Design, Construction, Vent Termination, Size Category I Vent Systems
12%	Installation of Specific Equipment: Central Heating Boilers and Furnaces, Clothes Dryers, Decorative Appliances, Prohibited Installations, Floor Furnaces, Household Cooking Appliances, Small Ceramic Kilns
9%	Traps Required, Trap Seal Protection, Grease Interceptors Horizontal Distance of Trap Arm Table, Hydromechanical Grease Interceptors
1%	Storm Drainage
12%	Gas Piping Systems, Design, Components, Installation, Pressure Testing and Inspection, Required Gas Piping Size, Sizing Tables
2%	Expansion Tanks, Gas Regulators, Automatic Boilers
9%	Refrigeration Systems General Requirement, Machinery Rooms, Pressure-limiting Devices, Detection and Alarm Systems
3%	Hydronic Steam and Water Piping, Heat Sources
15%	Fuel Piping Terms/Definitions, Gas Piping System Design/Materials/Components, Connections, Required Gas Supply, Sizing Tables