

**ITEMS FOR MCNYS TECHNICAL SUBCOMMITTEE REVIEW**  
**2006 MECHANICAL CODE TECHNICAL SUBCOMMITTEE REVIEW**  
**DIVISION OF CODE ENFORCEMENT AND ADMINISTRATION - DEPARTMENT OF STATE**  
**4/20/2007**

ITEM NO. (✓ - done)	MCNYS SECTION	2006 IMC SECTION	TITLE	SUMMARY
	<b>CHAPTER 1</b>		<b>GENERAL</b>	Administrative Committee
	<b>CHAPTER 2</b>		<b>DEFINITIONS</b>	
	<b>CHAPTER 3</b>		<b>General Regulations</b>	
M-1	301.4	301.4	Listed and labeled	Modified to indicate a product listed and labeled in which they are installed and used. Added exception for refrigeration shall be in accordance w/Sect. 1101.2
M-2	304.3	304.3.1	Parking Garage	New Section. Added section to coordinate with section 406.2.8 of the Building Code. Fuel fired appliance shall be located in rooms separate from main areas were vehicles are parked. Exception for elevated (18") equipment.
M-3	304.10	304.10	Guards	Added guards adjacent to roof hatch openings that are closer than 10ft to an open side that is more than 30" above floor, roof or grade.
M-4	306.3	306.3	Appliances in attics	Added exception. Allows for extended travel to appliances in attics. Allows 50ft provided attic is not less than 6ft high and 22 inches wide.
M-5	306.4	306.4	Appliances under floor	Added exception. Allows for extended travel to appliances in attics. Allows unlimited length provided under floor space is not less than 6ft high and 22 inches wide.
M-6	307.2.3	307.2.3	Auxiliary and Secondary Drain Systems	Added fuel-fired appliance that produce condensate. Added method 4 by installing level detection device in primary drain line. Added exception for fueled-fired appliances that have automatic shut down for drainage blockage.
M-7		307.2.3.1	Water Level Monitoring Devices	New Section. Requires water level detectors on down-flow units that do not have secondary drain or where one can not be installed. Detector will shut down the unit.
M-8	306.6	306.5.1	Sloped Roofs	Revised section to clarify that guards are required in all elevated locations where service of equipment is needed.

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	<b>CHAPTER 4</b>		<b>Ventilation</b>	
M-9	401.5.1	401.4.1	Intake Openings	Revised. Clarifies that bathrooms and kitchen in residential dwellings are not considered hazardous or noxious contaminant. Not required to meet 10ft/2ft rule.
M-10	403.2.1	403.2.1	Recirculation of Air	Changes made are in line with changes made to ASHRAE 62. (?? Version)
M-11	403.3	403.3	Required Outdoor Ventilation Air	Except for garages that serve single family and duplex occupancies, every garage must provide for exhaust ventilation. (Deleted part of footnote d to table 403.3) old requirement = not required on garages 850 sq.ft. and not more 4 vehicles
	<b>CHAPTER 5</b>		<b>Exhaust Systems</b>	
M-11	501.2	501.2	Exhaust Discharge	Requirements for termination of exhaust ducts. Relocated requirements found in sections [F]502.7.3.6 511.2 into 501.2.
M-12	501.3	501.3	Pressure Equalization	Added text. Clarifies that building infiltration rate shall not be utilized to satisfy requirements
M-13	506.3.4	506.3.4	Air Velocity	Revised Text. Allows velocity in a grease duct to be not less than 500ft/min (from 1500ft/min). Based on ASHRAE research project (RP-1033) and current with NFPA 96 standard.
M-14		506.3.2.3 (?)	Grease Duct Test	New Section. Requires grease duct leakage test. Light test or approved equivalent method
M-15	507.2.2	507.2.2	Type II Hoods	Revised. Two new exceptions exempt requirement for a Type II Hood over small electric cooking appliances
M-16		510.6.1	Fire Dampers	New Section. Prohibits fire dampers in hazardous exhaust ducts
	<b>CHAPTER 6</b>		<b>Duct Systems</b>	
M-17	602.2.1	602.2.1.6	Materials exposed within plenums	New section. Allows underfloor and other furred spaces in group H-5 fabrication area to be used as a plenum and not meet 25/50 smoke and flame spread.
M-18	603.9	603.9	Joint Seams and Connections	Revised Text. Clarifies requirements for UL-181 ducts
M-19	603.17	603.17	Registers, Grilles and Diffusers	Revised Text. Requires volume dampers to be provided with access.
M-20		603.17.2	Prohibited Locations	New Text. Prohibits grilles, registers and diffusers from being located in floors in toilet rooms

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M-21	607.5.5	607.5.5	Shaft Enclosures	Revised Text. Allows Group B and R occupancies that are equipped throughout with automatic sprinkler system to have kitchen, clothes dryer, bathroom, and toilet room exhaust ducted into shaft without a smoke damper.
	<b>CHAPTER 11</b>		<b>Refrigeration</b>	
M-22		1105.9	Emergency Pressure Control System	New Text. Requires refrigeration systems that are using flammable, toxic or highly toxic refrigerant or ammonia, with more than 6.6 pounds of refrigerant in system to have an emergency pressure control system in accordance with fire code 606.10.
M-23	1106.3	1106.3	Ammonia Room Ventilation	Revised Text. Added requirement for method to calculate specific ventilation rate.
M-24	[F]1106.5.1	[F]1106.5.1	Refrigeration System	Revised Text. Adds exception to requirements that will not require electrical equipment in a machinery room, other than compressors, to be connected to an emergency shut-off switch when system is using a nonflammable refrigerant. (Coord. With Fire Code)
	<b>CHAPTER 13</b>		<b>Fuel Oil Piping and Storage</b>	
M-25		1301.5	Tanks Abandoned or Removed.	New Section. Requires all exterior above-grade fill piping to be removed when tanks are abandoned or removed.
<b>RESIDENTIAL CODE</b>				
	<b>CHAPTER 13</b>			
RM-1	1305.1	1305.1	Appliance Access for Inspection, Service, repair and Replacement	Revised Text. Clarifies the dimensions and the level-surface requirement of working space for appliances. Level working space of 30" X 30" wide provided.

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RM-2	1305.1.3	1305.1.3	Appliances in attics	SAME AS M-4. Added exception. Allows for extended travel to appliances in attics. Allows 50ft provided attic is not less than 6ft high and 22 inches wide.
RM-3	1305.1.4	1305.1.4	Appliances under floor	SAME AS M-5. Added exception. Allows for extended travel to appliances in attics. Allows unlimited length provided under floor space is not less than 6ft high and 22 inches wide.
RM-4	1308	1308.3	Foundations and Supports	Requirement to raise outdoor mechanical systems above finished grade at least 3"
	<b>CHAPTER 14</b>		<b>Heating and Cooling Equipment</b>	
RM-5	M1411.3.1	M1411.3.1	Auxiliary and Secondary Drain Systems	Added requirement for 1% slope drain line. Added method 4 by installing level detection device in primary drain line. Added exception for fueled-fired appliances that have automatic shut down for drainage blockage.
RM-6		M1411.4	Auxiliary Drain Pan	Added fuel-fired appliance that produce condensate to require drain pan. Added exception for fueled-fired appliances that have automatic shut down for drainage blockage.
	<b>CHAPTER 15</b>		<b>Duct Systems</b>	
RM-7	M1501.1	M1501.1 M1506.2	Outdoor Discharge (1501.1) Reticulation of Air (1506.2)	New Text. Requires air removed by exhaust to be discharged directly to outside and in location where it should not be drawn back into house. Attics, soffits, ridge vents and crawl spaces are not allowed locations for discharge.
RM-8	M1502.6	M1502.6	Duct Length	Deleted exception where booster fan can be used in clothes dryer duct Added exception for engineered calculation shall be permitted based on ASHRAE Fundamentals.
	<b>CHAPTER 16</b>		<b>Duct Systems</b>	
RM-9	M1601.3.1	M1601.3.1	Joints and Seams	Revised Text. Clarifies requirements for UL-181 ducts

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	CHAPTER 21		Duct Systems	
RM-10	M2101	M2101, 2103 M2104	Piping Material	New provisions and standards for cross-linked polyethylene (pex) tubing and fittings