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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Assembly	Evacuation	Evacuation Planning MSFC 404	MSFC 404 - Provide an approved fire and emergency evacuation plan.		0
Assembly	Evacuation	Fire Drills MSFC 405	MSFC 405 - Conduct quarterly fire drills for the staff. Maintain documents showing the date and time of each drill.		0
Assembly	Furniture Flammability	Assembly - Furn. Flame MN Stat. 299F.840	MN Stat. 299F.840 - All furniture manufactured, sold or intended for use after January 1, 1992 must comply with flammability standards. Remove all non-complaint furniture.		0
Assembly	Open Flame Devices	Assembly - Open Flames Prohibited MSFC 308	MSFC 308 - Immediately, discontinue the use of all unapproved open flames.		0
Assembly	Post Occupant Load	Assembly - Post Occupant Load MSFC 1003.2.2.5	MSFC 1003.2.2.5 - Post the occupant load on an approved sign in a conspicuous location near the main exit of the room.		0
Day Care Centers	Child Art Work	Child Art Work Over 20% Of Wall MSFC 803.4.2	MSFC 803.3.2 - Remove child prepared art work and teaching materials which exceed 20 percent of the wall or ceiling area of corridors.		0
Day Care Centers	Clothing in Corridors	Clothing In Day Care Corridors MSFC 803.4	MSFC 803.4 - Remove clothing and personal effects from the corridor or provide a corridor sprinkler system or non-combustible lockers		0
Day Care Centers	Furniture Flammability	School Furn. Flam. California Stand. MN Stat. 299F.840	MN Stat. 299F.840 - All furniture manufactured, sold or intended for use after January 1, 1992 must comply with flammability standards. Remove all non-complaint furniture.		0
Day Care Centers	Location	Day Care Unapproved Location SFMP	SFMP - Immediately, relocate day care to an approved floor level.		0
Day Care Centers	Timeout/Closets/Bathroom	Day Care Time Out Rooms Unapproved Locks MSFC 1003.3.1.8.6	MSFC 1003.3.1.8.6 - Discontinue the unapproved locking of closets, bathroom or timeout rooms.		0
Electrical	Grounding	Permanent Electrical Grounding MSFC 605.1	MSFC 605.1 - Provide a permanently attached grounding connection for the electrical service.	4	4
Electrical	Grounding	Water Meter Grounding Jumper MSFC 605.1	MSFC 605.1 -Provide a grounding jumper around the water meter.	4	4
Electrical	Hazards	Elect. Splices In Junction Box MSFC 605.6	MSFC 605.6 - Provide all electrical splices within junction boxes.	3	6
Electrical	Hazards	Electrical Room Storage Prohibited MSFC 315.2.3	MSFC 315.2.3 - Remove combustible storage from the electrical equipment rooms.	3	6
Electrical	Hazards	Remove Exposed Wiring MSFC 605.1	MSFC 605.1 - Remove unapproved exposed wiring and install in accordance with the electrical code. This work may require a permit(s). Call DSI at (651) 266-9090.	4	6
Electrical	Hazards	Repair Appliance Wiring MSFC 605.1	MSFC 605.1 - Repair or replace damaged electrical appliance wiring. This work may require a permit(s). Call DSI at (651) 266-9090.	5	6
Electrical	Hazards	Repair Damaged Elect. Fixtures MSFC 605.1	MSFC 605.1 - Repair or replace damaged electrical fixtures. This work may require a permit(s). Call DSI at (651) 266-8989.	5	6

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Electrical	Hazards	Discontinue Use of Multi-Plug Adapters MSFC 605.4	MSFC 605.4 - Discontinue use of all multi-plug adapters.	2	2
Electrical	Hazards	Discontinue Use of Extension Cords MSFC 605.5	MSFC 605.5 - Discontinue use of extension cords used in lieu of permanent wiring.	2	2
Electrical	Hazards	Protect Appliance Cord From Physical Damage MSFC 605.5	MSFC 605.5 - Remove electrical cords that extend through walls, ceiling, floors, under doors, or floors coverings, or are subjected to environmental or physical damage.	2	8
Electrical	Hazards	Discontinue Use of Damaged Elect. Cords MSFC 605.5.3	MSFC 605.5.3 - Immediately, discontinue use of frayed, deteriorated, damaged or spliced electrical cords.	5	8
Electrical	Hazards	Seal Unused Elect. Openings MSFC605.6	MSFC 605.6 - Provide all openings in junction boxes to be sealed.	2	2
Electrical	Hazards	Missing Elect.Cover Plate MSFC 605.6	MSFC 605.6 - Provide electrical cover plates to all outlets, switches and junction boxes where missing.	2	4
Electrical	Hazards	Provide Strain Relief For Elect. Cords NEC 400-10	NEC 400-10 Provide strain relief for the cords so that tension will not be transmitted to joints or terminals.	2	2
Electrical	Hazards	Unused Openings Circuit breakers	NEC 408.7 Unused Openings. Unused openings for circuit breakers and switches shall be closed using identified closures, or other approved means that provide protection substantially equivalent to the wall enclosure.		2
Electrical	Hazards	Cord Connected Equipment NEC 440.13	NEC 440.13 - For cord-connected equipment such as room air conditioners, household refrigerators and freezers, drinking water coolers, and beverage dispensers, a separable connector or an attachment plug and receptable shall be permitted to serve as the		4
Electrical	Hazards	Provide GFCI SPLC 34.14 (2) c	SPLC 34.14 (2) c - Provide or replace the duplex convenience outlet with ground fault protection within 3 feet of the basin on an adjacent wall in all bathrooms. This work may require a permit(s). Call DSI at (651) 266-9090.	5	6
Electrical	Panel Clearance	Provide Elect. Panel Clearance NEC 110-26	NEC 110-26 - Provide and maintain a minimum of 36 inches clearance in front of all electrical panels.	2	4
Electrical	Service	Provide Adequate Electric Serv. SPLC 34.14 (2), 34.34 (5)	SPLC 34.14 (2), 34.34 (5) - Provide an approved electrical service adequate to meet the buildings needs. This work may require a permit(s), call DSI at (651) 266-9090.	8	8
Electrical	Signage	Electrical Room Sign MSFC 605.3.1	MSFC 605.3.1 - Doors into electrical control panel rooms shall be marked with a plainly visable and legible sign stating ELECTRICAL ROOM or similar wording.	0	2
Electrical Trade	Branch Circuits	Laundry Elec. Circuit NEC 210-11(c) (2)	NEC 210-11(c) (2) - Provide a 20 amp branch circuit within 6 feet of the laundry appliance.	0	0
Electrical Trade	Branch Circuits	Elec. Branch Service Rating NEC 210-3	NEC 210-3 - Provide for the electrical branch circuit to be rated in accordance with the maximum permitted overcurrent device.	0	0

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Electrical Trade	Branch Circuits	Elec.Branch Circuits Ungrounded Conductors NEC 210-4	NEC 210-4 (d) - Where more than one nominal voltage system is present provide for the phase and system identification of ungrounded conductors at each electrical branch circuit panel board.	0	0
Electrical Trade	Branch Circuits	Elect. Branch Circuits Receptacle Replacement NEC 210-7	NEC 210-7 (d) - Provide for electrical replacement receptacles to be grounded.	0	0
Electrical Trade	Branch Circuits	Elec. Branch Circuit Light Switch NEC 210-70 (a)	NEC 210-70 (a) - Provide at least one wall switch which controls the lighting.	0	0
Electrical Trade	Electrical Service	Size Of Electrical Service NEC 230-13	NEC 230-13 - Provide for the electrical service to be adequately sized to meet the needs of the occupancy type.	0	0
Electrical Trade	Electrical Service	Electrical Service Identification NEC 230-2 (e)	NEC 230-2 (e) - Provide identification at the service disconnect for each electrical service.	0	0
Electrical Trade	Electrical Service	One Electrical Service Where Permitted. NEC 230-2	NEC 230-2 - Provide for the building to have one electrical service.	0	0
Electrical Trade	Electrical Service	Elec Serv Vertical Clear. From Roof Ground NEC 230-24	NEC 230-24 - Provide for the electrical service drop connectors to meet the clearance requirements of the electrical code.	0	0
Electrical Trade	Electrical Service	Elec Serv. Attachments To Service Conduits. NEC 230-28	NEC 230-28 - Remove all non-electrical power attachment to the electrical service conduits.	0	0
Electrical Trade	Electrical Service	Electrical Service Raceway Drainage NEC 230-53	NEC 230-53 - Provide for the electrical service conduits to be weather tight and have a means to drain.	0	0
Electrical Trade	Electrical Service	Elec. Service Drop Attachment Location NEC 230-54	NEC 230-54 - Provide for the electrical service drop attachment location to be below the weatherhead.	0	0
Electrical Trade	Electrical Service	Service Entrance Location NEC 230-70 (a)	NEC 230-70 (a) - Provide a readily accessible electrical disconnect outside or inside at the nearest entrance of the service conductors.	0	0
Electrical Trade	Electrical Service	Electrical Service Entrance Identification NEC 230-70 (b)	NEC 230-70 (b) - Provide for the electrical service disconnect to be marked as SERVICE DISCONNECT	0	0
Electrical Trade	Electrical Service	Elec. Service Number Of Disconnects NEC 230-71	NEC 230-71 - Provide for no more than 6 electrical disconnects grouped in a common location.	0	0
Electrical Trade	Electrical Service	Seal Electric Service From Moisture NEC 230-8	NEC 230-8 - Provide for the electrical service entrance conductors to be sealed to prevent moisture.	0	0
Electrical Trade	Electrical Service	Elec. Serv. Drop Clearance From Bldg. Openings NEC 230-9	NEC 230-9 - Provide for the electrical service drop connectors to be no closer than 3 feet from the windows, doors, porches, balconies, ladders or similar locations.	0	0
Electrical Trade	Electrical Signs and Outline Lighting	Elec. Sign & Outline Light Comm. Branch Circuits NEC 600-5	NEC 600-5 Provide a 20 amp circuit for a sign at the entrance to each tenant space.	0	0

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Electrical Trade	Electrical Signs and Outline Lighting	Electric Sign & Outline Lighting Disconnect NEC 600-6	NEC 600-6 Provide for the sign circuit to have an externally operated switch within sight of the sign.	0	0
Electrical Trade	Fixtures	Elec. Fixture Mounting Exposed Ballast NEC 410-76 (a)	NEC 410-76 (a) Provide for the exposed ballast to be installed so that each ballast will not be in contact with combustible materials.	0	0
Electrical Trade	Fixtures	Electrical Fixtures Closets NEC 410-8 (b) (1)	NEC 410-8 (b) (1) Provide for the incandescent fixtures in closets to have a completely enclosed lamp.	0	0
Electrical Trade	Flexible Cords	Electrical Flexible Cords Suitable NEC 400-3	NEC 400-3 Provide a flexible cord suitable for the use.	0	0
Electrical Trade	Flexible Cords Not Permitted	Electrical Flexible Cord Strain Relief NEC 400-10	NEC 400-10 Provide strain relief for the cords so that tension will not be transmitted to joints or terminals.	0	0
Electrical Trade	Flexible Cords Not Permitted	Elec. Flex Cord Not Permitted Raceways NEC 400-8	NEC 400-8 Remove the flexible cords where installed in raceways.	0	0
Electrical Trade	Grounding	Elec. Grounding Clamp NEC 250 -10	NEC 250-10 - Provide an approved grounding clamp.	0	0
Electrical Trade	Grounding	Electrical Equip. Connected By Cord NEC 250-114	NEC 250-114 - Provide for exposed non-current carrying metal part of cord and plug connected equipment to be grounded.	0	0
Electrical Trade	Grounding	Grounding Electrical System/Equipment NEC 250 (a) (b)	NEC 250-2 (a) (b) - Provide for the electrical system and equipment to be grounded.	0	0
Electrical Trade	Identification Of Grounding Connectors	Elec. Grounding Connectors Screw Shell(s) NEC 200-10	NEC 200-10(c) - Where devices have screw shells, the terminal for grounded conductors shall be the one connected to the screw shell.	0	0
Electrical Trade	Identification Of Grounding Connectors	Means Of Identifying Grounded Conductors. NEC 200-6	NEC 200-6 - Provide for the grounding conductor outer finish to be white or natural gray.	0	0
Electrical Trade	Identification Of Grounding Connectors	Ident. Grounding Terminals Connectors NEC 200-9	NEC 200-9 - Provide for the terminal to which a grounded conductor is attached to be substantially white in color.	0	0
Electrical Trade	Insulation Integrity	Elec. Insulation Integrity Grounds And Shorts NEC 110-7	NEC 110-7 - Provide for the electrical system to be checked for grounds and shorts other than those that are required or permitted.	0	0
Electrical Trade	Mechanical Execution of Work	Elec. Mech. Execution Of Work NEC 110-12	NEC 110-12 - Provide for the electrical equipment to be installed in a neat and worker like manner.	0	0
Electrical Trade	Non-Metallic Sheathed Cable (Romex)	Elec. Non-Metallic Cable (Romex) Not Permitted NEC 336-5	NEC 336-5 - Remove the non-metallic cable (Romex).	0	0

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Electrical Trade	Non-Metallic Sheathed Cable (Romex)	Protection For Non-Metallic Cable (Romex) NEC 336-6	NEC 336-6 - Provide approved methods of protection for non-metallic cable (Romex).	0	0
Electrical Trade	Over Current Protection	Over Current Protection Device Required NEC 240-20	NEC 240-20 - Provide an over current device for each ungrounded conductor.	0	0
Electrical Trade	Over Current Protection	Over Current Accessibility NEC 240-24 (a) (b)	NEC 240-24 (a) (b) - Provide for each occupant to have ready access to all over current devices for that occupancy.	0	0
Electrical Trade	Panelboards	Electrical Panelboards In Wet Locations NEC 384-17	NEC 384-17 Provide for the panel to be rated for damp or wet location.	0	0
Electrical Trade	Panelboards	Electical Panelboard Enclosure NEC 384-18	NEC 384-18 Provide a dead front for the panel.	0	0
Electrical Trade	Pull and Junction Boxes	Elec. # of Conductors In A Pull/Junction Box. NEC 370-16	NEC 370-16 Provide for the junction box to be of sufficient size to provide free space for all conductors.	0	0
Electrical Trade	Service Equipment	Equip. Space Requirement Working Space NEC 110-26 (a)	NEC 110-26 (a) - Provide the required working space for the electrical equipment (1) - Depth (2) - Width (3) - Height.	0	0
Electrical Trade	Service Equipment	Equip. Space Requirement Storage NEC 110-26 (b)	NEC 110-26 (b) - Remove the storage from the required electrical working space.	0	0
Electrical Trade	Service Equipment	Equip. Space Requirement Lighting NEC 110-26 (d)	NEC 110-26 (d) - Provide a light fixture at the area of the electrical equipment.	0	0
Electrical Trade	Service Equipment	Equip. Space Requirement Entrance NEC 110-26(c)	NEC 110-26(c) - Provide at least one entrance of sufficient area to give access to the electrical working space.	0	0
Electrical Trade	Service Equipment	Equip. Space Physical Protection NEC 110-27 (b)	NEC 110-27 (b) - Provide physical protection from damage for the electrical service equipment.	0	0
Electrical Trade	Wiring Methods	Fastening Electrical Wiring NEC 300-11	NEC 300-11 Provide for all raceways, boxes, cabinets, and fittings to be securely fastened in place.	0	0
Electrical Trade	Wiring Methods	Elec. Wiring Splice Location NEC 300-13	NEC 300-13 Provide for all splicing to be done in a junction box.	0	0
Electrical Trade	Wiring Methods	Elec. Wiring Methods Fire Stopping NEC 300-21	NEC 300-21 - Provide for the openings through walls, floors or ceilings to be fire stopped using approved methods.	0	0
Electrical Trade	Wiring Methods	Elec. Plenum-Air Handling Wiring NEC 300-22	NEC 300-22 Provide for the wiring in the plenum space to be an approved wiring method.	0	0
Electrical Trade	Wiring Methods	Physical Protection For Electrical Wiring NEC 300-4	NEC 300-4 - Provide for conductors to be adequately protected from physical damage.	0	0
Electrical Trade	Wiring Methods	Other System Wiring NEC 300-8	NEC 300-8 Remove all non-electrical services from the electrical raceways.	0	0
Exits	Gates/Fences	Provide Gate From Fenced Area MSFC 1003.2.2.10	MSFC 1003.2.2.10 - Provide and maintain an approved gate from the fenced area.	6	2

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Exits	Gates/Fences	Unapproved Locks On Gates/Fences MSFC 1003.3.2	MSFC 1003.3.2 - Remove unapproved locks for the gate in the fenced area.	6	4
Exits	Aisle Width	Aisle Width Employee area < 50 MSFC 1010.1, 1004.3.1	MSFC 1010.1, 1004.3.1 - Provide and maintain a minimum of 28 inch aisles throughout employee only areas.		0
Exits	Aisle Width	Aisle Width Storage on one side MSFC 1010.1, 1004.3.1	MSFC 1010.1, 1004.3.1 - Provide and maintain a minimum of 36 inch aisles where storage or fixtures are on one side of the aisle.		0
Exits	Aisle Width	Aisle Width Storage on two sides MSFC 1010.1, 1004.3.1	MSFC 1010.1, 1004.3.1 - Provide and maintain a minimum of 44 inch aisles where storage or fixtures are on two sides of the aisle.		0
Exits	Doors (CEP)	Door Swing Improper >50 MSFC 1010.1, 1003.3.1.2	MSFC 1010.1, 1003.3.1.2 - Exit doors must swing in the direction of travel. Change the swing of the door.	5	6
Exits	Doors (CEP)	Provide Unlock Sign MSFC 1010.1, 1003.3.1.8	MSFC 1010.1, 1003.3.1.8 - Post a sign stating 'THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED' at main exits with interior key locks. The minimum stroke of the letter must be 1 inch high with a contrasting background.		0
Exits	Doors (CEP)	Remove Excessive Door Locks MSFC 1010.1, 1003.3.1.8	MSFC 1010.1, 1003.3.1.8 - Remove all locks in excess of	6	6
Exits	Doors (CEP)	Unapproved Special Egress Control MSFC 1010.1, 1003.3.1.8.2	MSFC 1010.1, 1003.3.1.8.2 - Remove all unapproved special egress control devices or comply with all requirements for the installation of special egress control devices.	7	8
Exits	Doors (CEP)	Special Egress Control Testing MSFC 1010.1, 1003.3.1.8.5.5	MSFC 1010.1, 1003.3.1.8.5.5 - Provide a written record of the required monthly testing of the special egress control device.	2	2
Exits	Doors (CEP)	Provide Panic Hardware MSFC 1010.1, 1003.3.1.9	MSFC 1010.1, 1003.3.1.9 - Provide and maintain approved panic release hardware on all exit doors.	5	6
Exits	Exit Signs (CEP)	Provide Directional Exit Sign MSFC 1010.1, 1003.2.10	MSFC 1010.1, 1003.2.10 - Provide and maintain approved directional exit signs.	5	6
Exits	Exit Signs (CEP)	Remove Unapproved Exit Sign MSFC 1010.1, 1003.2.10	MSFC 1010.1, 1003.2.10 - Remove exit signs that do not lead to an approved exit.	5	6
Exits	Exit Signs (CEP)	Exit Sign Illumination MSFC 1010.3	MSFC 1010.3 - Provide and maintain approved external or internal lighting of the exit sign.	5	6
Exits	Exit Signs (CEP)	Provide Emerg. Power To Exit Sign MSFC 1010.4	MSFC 1010.4 - Provide and maintain at least 60 minutes of illumination to the exit signs in case of primary power loss.	7	8
Exits	Exit Signs (CEP)	Provide Unobstructed Exit Sign MSFC 1010.1, 1003.2.10	MSFC MSFC 1010.1, 1003.2.10 - Provide or relocate and maintain approved exit signs to indicate a clear path to the exits.	5	8
Exits	Lighting	Emergency Lighting Required MSFC 1010.5	MSFC 1010.5 - Provide and maintain an approved emergency lighting system.	7	8

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Exits	Lighting	Exit Illumination MSFC 1010.5, SPLC 34.14 (2), SPLC 34.34 (5)	MSFC 1010.5, SPLC 34.14 (2) d, SPLC 34.34 (5) b - Provide and maintain illumination in all portions of the exit system.	7	8
Exits	Need More Exits (CEP)	Number Of Exits MSFC 1005.2	MSFC 1005.2 - Provide an approved additional means of egress due to an inadequate number of exits.	9	10
Exits	Need More Exits (CEP)	Travel Distance Excessive MSFC Table 1010.17.2	MSFC Table 1010.17.2 - Provide an approved additional means of egress to reduce the travel distance to the exit.	6	8
Exits	Obstruction	Unapproved Locks MSFC 1003.3.1.8 as amended	MSFC 1003.3.1.8 - Remove unapproved locks from the exit doors. The door must be openable from the inside without the use of keys or special knowledge or effort.	9	4
Exits	Obstruction	Exit Obstruction MSFC 1028.3	MSFC 1028.3 - Remove the materials that cause an exit obstruction. Maintain a clear and unobstructed exitway.	4	4
Exits	Stairway (SI-1)	Stairway Re-Entry - Unsprink. Bldgs MSFC 104.9, LSC 7.2.1.5.2	MSFC 104.9, LSC 7.2.1.5.2 - Provide and maintain ONE of the following: 1. Every door in a stair enclosure serving more than four stories shall allow re-entry from the stair enclosure to the interior of the building. 2. All stairway doors unlock from	7	2
Exits	Stairway (SI-1)	Stairway Barriers MSFC 1005.3.2.3	MSFC 1005.3.2.3 - Provide an approved barrier in the stairway to prevent exiting traffic from descending below the level of exit discharge.	2	2
Exits	Stairway (SI-1)	Stairway Identification > 3 Stories MSFC 1005.3.2.4	MSFC 1005.3.2.4 - Provide and maintain stairway identification signs per attached SI-1 information.	2	4
Exits	Stairway (SI-1)	Under Stair Storage MSFC 104.9, 1005.3.2.2	MSFC 104.9, 1005.3.2.2 - Remove the storage under the stairs or provide and maintain 1 hour fire resistive construction on the storage side of the stairs.	6	6
Exits	Stairway (SI-1)	Stairway Re-Entry - Sprinklered Bldgs MSFC 104.9, LSC 7.2.1.5.2	MSFC 104.9, LSC 7.2.1.5.2 - Provide and maintain one of the following: 1. All stairway doors unlocked from the stairway side upon activation of the fire alarm system. 2. At least every 5th story shall allow re-entry at all times with approved signs on		0
Exterior	704 Placards (HM-1)	Hazard Placards MSFC 2703.5	MSFC 2703.5 - Provide NFPA 704 hazard identification placards per handout HM-1. Blue = Red = Yellow = White =	2	0
Exterior	Accessible Containers	Refrigerators & Accessible Containers SPLC 34.08 (8), 34.31(6)	SPLC 34.08 (8), 34.31(6) - Immediately remove doors from refrigerator/containers to prevent entrapment.	10	10
Exterior	Address (HM-1)	Address - Incorrect size SPLC 71.01	SPLC 71.01 - Provide address numbers at least three (3) inches in height. (HN-1)	3	2
Exterior	Address (HM-1)	Address - Not posted SPLC 71.01	SPLC 71.01 - Provide address numbers on building per attached HN-1 handout.	5	6

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Exterior	Address (HM-1)	Address - Incorrect SPLC 71.01	SPLC 71.01 - The address number is incorrect. (HN-1)	5	0
Exterior	Address (HM-1)	Address - Not visible from street SPLC 71.01	SPLC 71.01 - The address posted is not visible from street. (HN-1)	3	2
Exterior	Change of Occupancy	Occupancy Group Change	SBC 3405.1, SBC 110.2 - The occupancy group or use division of this building has been changed from that previously approved. Discontinue the unapproved occupancy or use, or contact the Building Official at 651-266-9021 for a code analysis and to comply w	5	10
Exterior	Change of Occupancy	Occupancy Group Change	SBC 3405.1, SBC 110.2 - The occupancy group or use division of this building has been changed from that previously approved. Discontinue the unapproved occupancy or use, or contact the Building Official at 651-266-9021 for a code analysis and to comply w		0
Exterior	Door	Ext. Door SPLC 34.09 (3), 34.33 (3)	Ext. Door SPLC 34.09 (3), 34.33 (3) - Repair and maintain the door in good condition.	3	4
Exterior	Door	Ext. Door Blocked - Sign MSFC 504.2	MSFC 504.2 - Provide 'DOOR BLOCKED' sign on the exterior of all doors which have been rendered nonfunctional or are blocked by interior storage. Letters shall be at least 6 inches high and of contrasting color to the background.	2	2
Exterior	Door	Ext. Door Frame SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the door frame.	3	2
Exterior	Door	Ext. Door Latch SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the door latch.	3	2
Exterior	Dumpster	Dumpster Location MSFC 304.3.3	MSFC 304.3.3 - Relocate dumpster at least 5 feet away from combustible walls, openings, or combustible eaves and overhangs.	6	8
Exterior	Exterior Areas	Open Burning - MSFC 307.1, SPLC 42	MSFC 307.1 Fire Prevention has been receiving complaints regarding fires conducted on your property. All fires on the ground must be a minimum of 25 feet from structures or contained in a grill or outdoor fireplace. Wind speeds must be under 10 mph, co	0	10
Exterior	Exterior Storage	Ext.Tire Storage MSFC 2505.1	MSFC 1103.3.6 - Arrange exterior storage of tires to be neat and orderly and free of vegetation. Piles must not exceed 5,000 square feet of continuous area, 50,000 cubic feet of volume, and be located within 50 feet of any property line or building. Piles		6
Exterior	Exterior Storage	Ext. Storage & Accumul Of Rubbish/Vegetation MSFC 304.1	MSFC 304.1 - Remove excessive combustible storage and/or vegetation from exterior property areas.	4	4
Exterior	Exterior Storage	Ext. Combustible Materials Height MSFC 315.2	MSFC 315.2 - Reduce the storage height of combustible materials to less than 20 feet.	3	6
Exterior	Exterior Storage	Ext. Storage Less Than 6 Feet High MSFC 315.3	MSFC 315.3 - Relocate storage of combustible material more than 3 feet from property lines.	2	2

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Exterior	Exterior Storage	Ext. Combustible Materials Distance MSFC 315.3	MSFC 315.3 - Relocate storage of combustible materials to at least 10 feet from property lines.	3	2
Exterior	Exterior Storage	Comb. Storage Under Bldg Projection In Sprink. MSFC 315.3.1	MSFC 315.3.1 - Extend fire sprinkler protection under exterior eaves, canopies or overhangs that are used for combustible storage or remove the combustible storage.	6	8
Exterior	Exterior Storage	Ext. Storage - accumulation SPLC 34.08(6), 34.31(4)	SPLC 34.08 (6), 34.31 (4) - Remove the accumulation of exterior storage that creates a nuisance or harbors rodents.	2	6
Exterior	Exterior Surfaces	Parking spaces SPLC 34.08 (7)	SPLC 34.08 (7) - All parking spaces shall be paved with asphalt, concrete, or durable dustless surfacing. Before any existing spaces may be paved, site plan approval must be obtained as specified in the St. Paul Zoning Code. Contact DSI Zoning at 651-26		2
Exterior	Exterior Surfaces	Accessory Structures SPLC 34.08(5), 34.32(3)	SPLC 34.08(5), 34.32(3) - All accessory structures including, but not limited to, detached garages, sheds and fences shall be maintained structurally sound and in good repair. Provide and maintain exterior unprotected surfaces painted or protected from th	3	6
Exterior	Exterior Surfaces	Foundations SPLC 34.09 (1) a, 34.32 (1) a	SPLC 34.09 (1) a, 34.32 (1) a - Provide and maintain foundation elements to adequately support this building at all points.	7	6
Exterior	Exterior Surfaces	Ext. Walls SPLC 34.09 (1) b,c, 34.32 (1) b,c	SPLC 34.09 (1) b,c, 34.33 (1) b, c - Provide and maintain all exterior walls free from holes and deterioration. All wood exterior unprotected surfaces must be painted or protected from the elements and maintained in a professional manner free from chippe	7	6
Exterior	Exterior Surfaces	Roof SPLC 34.09 (1) e, 34.32 (1) d	SPLC 34.09 (1) e, 34.32 (1) d - Provide and maintained the roof weather tight and free from defects.	5	8
Exterior	Exterior Surfaces	Graffiti SPLC 45.03(b)	SPLC 45.03(b) - All exterior surfaces must remain free of any initials, marks, symbols, designs, inscriptions or other drawings, scratched, painted, inscribed or otherwise affixed.		2
Exterior	Fire Department Connection	FDC - Obstruction MSFC 508.5.4	MSFC 508.5.4 - Provide and maintain a clear access in front of and a minimum of 3 feet to either side of the fire department connection.	5	2
Exterior	Fire Department Connection	FDC - Missing caps MSFC 901.4	MSFC 901.4 - Provide approved caps on the fire department connection.	3	2
Exterior	Fire Lane (CEP)	Fire Lane - Obstructed MSFC 401.4	MSFC 401.4 - The required width of the fire lane shall not be obstructed in any manner at any time.	4	4
Exterior	Fire Lane (CEP)	Fire Lane - Markings MSFC 503.4	MSFC 503.4 - Provide approved signage for the fire lane. Signs must say 'NO PARKING - FIRE LANE'. The sign must be 7 feet from the ground to the bottom of a sign. The signs must be set back 2 feet from the curb. There must be one sign at the beginning	3	4
Exterior	Gas Meter Protection	Unprotected gas meter MSFC 603.9	MSFC 603.9- Call Xcel Energy at 1-800-895-4999 to provide vehicle impact protection for the gas meter.	6	8
Exterior	Grass/Weeds	Cut Grass SPLC 45.03 (6)	SPLC 45.03 (6) - Cut and maintain the grass/weeds less than 8 inches tall.	2	2

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Exterior	Insect/Rodents	Insects/Rodents SPLC 34.08 (4), 34.31 (2)	SPLC 34.08 (4), 34.31 (2) - Exterminate and control insects, rodents or other pests on all exterior areas and in accessory structures.	2	2
Exterior	Keybox (CEP)(K-1)	Keybox - Repair MSFC 107.1	MSFC 107.1 - Repair broken keybox. If you need keybox opened, call the Fire Department communication center at (651) 224-7371 to make arrangements. If you need parts for the keybox, contact the Knox Company at 1-800-552-5669.	3	0
Exterior	Keybox (CEP)(K-1)	Provide/Replace keybox MSFC 506.1	MSFC 506.1 - Install a keybox per attached K-1 handout.	3	0
Exterior	Keybox (CEP)(K-1)	Keybox - Wrong keys MSFC 506.2	MSFC 506.2 - Call Fire Department communication center at (651) 224-7371 to make arrangements to have the keybox opened when you have the correct keys on site.	3	0
Exterior	Sanitation/Garbage	Ext. Sanitation SPLC 34.08 (1), 34.31 (1)	SPLC 34.08 (1), 34.31 (1) - All exterior property areas shall be maintained free from any accumulation of refuse, garbage or feces.	6	6
Exterior	Sanitation/Garbage	Trash Containers -Frequency SPLC 34.11 (7), 34.34 (4)	SPLC 34.11 (7), 34.34 (4) - Provide additional approved containers or additional pick-ups to meet tenant trash demands.	6	2
Exterior	Sanitation/Garbage	Approved Trash Containers SPLC 34.11 (8), 34.34 (4)	SPLC 34.11 (8), 34.34 (4) - Provide approved garbage containers impervious to weather.	3	2
Exterior	Snow/Ice Removal	Snow/Ice Removal SPLC 113.02, MSFC 1203	Remove the accumulation of snow or ice from the public and private sidewalk abutting this property.	2	6
Exterior	Stairways/Porches/Decks/Railings	Ext. Guardrail SPLC 34.09 (2) 34.32 (2)	SPLC 34.09 (2) 34.32 (2) - Provide an approved guardrail with intermediate ballustrade or rails 4 inches or less apart. This work may require a permit(s). Call DSI at (651) 266-9090.	5	4
Exterior	Stairways/Porches/Decks/Railings	Ext. Handrail SPLC 34.09 (2) 34.32 (2)	SPLC 34.09 (2) 34.32 (2) - Provide an approved handrail. The top of the handrail must be between 34 and 38 inches above the treads and run the entire length of the stair.	5	4
Exterior	Stairways/Porches/Decks/Railings	Repair Ext. Guardrail SPLC 34.09 (2) 34.32 (2)	SPLC 34.09 (2), 34.32(2) - Repair or replace the damaged guardrail in an approved manner. This work may require a permit(s). Call DSI at (651) 266-9090.	5	2
Exterior	Stairways/Porches/Decks/Railings	Repair Ext. Handrail SPLC 34.09 (2) 34.32 (2)	SPLC 34.09 (2), 34.32(2) - Repair or replace the damaged handrail in an approved manner. This work may require a permit(s). Call DSI at (651) 266-9090.	5	2
Exterior	Stairways/Porches/Decks/Railings	Stair/deck Not Structurally Sound SPLC 34.09 (2) 34.32 (2)	SPLC 34.09 (2), 34.32(2) - Repair or replace the unsafe stairways, porch, decks or railings in an approved manner. This work may require a permit(s). Call DSI at (651) 266-9090.	7	8
Exterior	Vehicles	Junk Vehicles SPLC 163.03, 163.01 (2), (3)	SPLC 163.03, 163.01 (2), (3) - Currently license (tabs) all vehicles on the property and return the vehicles to an operative mechanical condition or remove vehicles from the property.	4	0
Exterior	Window	Ext. Window Frame SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the window frame.	2	4

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Exterior	Window	Ext. Window Glass SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the window glass.	2	4
Exterior	Window	Ext. Window SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the window in good condition.	2	4
Exterior	Window	Ext. Window Lock SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the window lock.	2	4
Exterior	Window	Ext. Window Sash SPLC 34.09 (3), 34.32 (3)	SPLC 34.09 (3), 34.32 (3) - Repair and maintain the window sash.	2	4
Exterior	Window	Window Screen SPLC 34.09 (3), 34.33 (3)	SPLC 34.09 (3), 34.33 (3) -Provide or repair and maintain the window screen.	2	2
Exterior	Zoning (CEP)	Zoning - Improper Use SPLC 62.101	SPLC 62.101 - Use of this property does not conform to zoning ordinance. Discontinue unapproved use or call DSI Zoning at (651) 266-8989 to convert to legal use. Discontinue:	9	10
Fire Alarm Trade	General	Application	MSFC (2007) 907.1.1 - Construction documents for fire alarm systems shall be submitted for review prior to installation.□		0
Fire Alarm Trade	General	Listed Components	MSFC (2007) 907.1.2 - Systems and components shall be listed for their use.□		0
Fire Alarm Trade	General	Visible Alarms	MSFC (2007) 907.10.1 - Visible alarm notification appliances shall be provided in all public and common areas.□		0
Fire Alarm Trade	General	Audible Alarms	MSFC (2007) 907.10.2 - Audible alarm notification appliances shall comply to the minimum standards for the occupancy group or 15 dBA above ambient sound levels, whichever is greater.□		0
Fire Alarm Trade	General	Manual Pulls	MSFC (2007) 907.4.1 - Manual fire alarm boxes shall be located not more than 5 feet from the entrance to each exit.□		0
Fire Alarm Trade	General	Manual Pull Height	MSFC (2007) 907.4.2 - Manual fire alarm boxes shall be located at a minimum heights of 42 inches and a maximum height of 48 inches measured vertically from the floor level.□		0
Fire Alarm Trade	General	Power Supply	MSFC (2007) 907.5 - The primary and secondary power supply for the fire alarm system shall be provided in accordance with NFPA 72.□		0
Fire Alarm Trade	General	Panel Manual Pull	NFPA 72 (2002) 6.8.5.1.2 - A manual pull box shall be installed at the fire alarm panel.□		0

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Fire Alarm Trade	General	Max dBA	NFPA 72 (2002) 7.4.1.2 - Audiblilty shall not exceed 120 dBA.		0
Fire Alarm Trade	General	Corridor Spacing	NFPA 72 (2002) 7.5.4.2.5 - Visible alarm devices shall not be located more than 15 feet from the end of a corridor and be less than 100 feet apart.		0
Fire Alarm Trade	General	Transmission	NFPA 72 (2002) 8.5.3.2.1.4 - A DACT shall be supplied with two forms of transmission, one being a telephone line.		0
Fire Alarm Trade	Group A	Initiation	MSFC (2007) 907.2.1.1 - Initiation shall be by automatic means from approved automatic fire detectors in laundry rooms, boiler and furnace rooms, shops, kitchens, trash-collection rooms, storage rooms and similar areas.		0
Fire Alarm Trade	Group A	Activation	MSFC (2007) 907.2.1.2 - Activation of the fire alarm system shall initiate a general evacuation signal.		0
Fire Alarm Trade	Group B	Initiation	MSFC (2007) 907.2.2 - Initiation shall be by automatic means from approved automatic fire detectors in laundry rooms, boiler and furnace rooms, shops, kitchens, trash-collection rooms, storage rooms and similar areas. In outpatient clinics, initiation of		0
Fire Alarm Trade	Group B	Activation	MSFC (2007) 907.2.2.2 - Activation of the fire alarm system shall initiate a general evacuation signal.		0
Fire Alarm Trade	Group B	Outpatient	MSFC (2007) 907.2.2.3 - Corridors in outpatient clinics and spaces open to corridors shall be protected by an automatic smoke-detection system.		0
Fire Alarm Trade	Group E	Initiation	MSFC (2007) 907.2.3.1 - Initiation shall be by automatic means from approved automatic fire detectors in laundry rooms, boiler and furnace rooms, shops, kitchens, trash-collection rooms, storage rooms and similar areas.		0
Fire Alarm Trade	Group E	Intervening Rooms	MSFC (2007) 907.2.3.2 - In a room with more than 10 occupants, where the only means of egress is through an adjoining room, automatic smoke detectors shall be installed throughout the common atmosphere through which the path of egress travel passes.		0

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Fire Alarm Trade	Group E	Activation	MSFC (2007) 907.2.3.3 - Activation of the fire alarm system shall initiate a general evacuation signal.		0
Fire Alarm Trade	Group F	Initiation	MSFC (2007) 907.2.4.1 - Initiation shall be by automatic means from approved automatic fire detectors in boiler and furnace rooms, trash-collection rooms, kitchens, mechanical and electrical rooms, and similar areas.		0
Fire Alarm Trade	Group F	Activation	MSFC (2007) 907.2.4.2 - Activation of the fire alarm system shall initiate a general evacuation signal.		0
Fire Alarm Trade	Group I	Initiation	MSFC (2007) 907.2.6.1 - Initiation shall be by manual and automatic means from approved automatic fire detectors in laundry rooms, boiler and furnace rooms, shops, kitchens, trash-collection rooms, storage rooms, lounges, gift shops and similar areas. Au		0
Fire Alarm Trade	Group I	Activation	MSFC (2007) 907.2.6.2 - Activation of the fire alarm system shall initiate a general evacuation signal.		0
Fire Alarm Trade	Group I	Cirridors	MSFC (2007) 907.2.6.3 - In I-2 occupancies corridors and spaces open to them shall be protected with an automatic smoke-detection system.		0
Fire Alarm Trade	Group R-2	Corridors	MSFC (2007) 907.2.9 - In buildings without an automatic sprinkler system smoke detectors shall provided in all common areas and interior corridors serving means of egress.		0
Fire Alarm Trade	Group R-2	Initiation	MSFC (2007) 907.2.9 - Initiation shall be by automatic means from approved automatic fire detectors in laundry rooms, boiler and furnace rooms, shops, kitchens, trash-collection rooms, storage rooms and similar areas.		0
Fire Alarm Trade	Group R-2	Activation	MSFC (2007) 907.2.9.2 - Activation of the fire alarm system shall initiate a general evacuation signal.		0
Fire Protection Equipment	Alarms (CEP's)	Fire Watch Required MSFC 901.7	MSFC 901.7 - Provide a fire watch until the fire alarm system is returned to service.	1	4
Fire Protection Equipment	Alarms (CEP's)	Fire Department Notifications MSFC 401.3	MSFC 401.3 - Upon activation of a fire alarm signal, employees or staff shall immediately notify the fire department.		0

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Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Keys In Keybox MSFC 506.1	MSFC 506.1 - Provide a key in the keybox for the fire alarm panel. Call the Fire Department communication center at (651) 224-7371 to make arrangements to have the keybox opened when you have the correct keys on site.	2	0
Fire Protection Equipment	Alarms (CEP's)	Signs MSFC 510.1	MSFC 510.1 - Provide FIRE ALARM PANEL sign on door.	0	2
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Pull Station Resetting Devices MSFC 901.6	MSFC 901.6 - Provide a spare supply of the glass rods, keys or similar devices used to reset the fire alarm pull stations.	2	2
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Visual Device Obstruction MSFC 901.6	MSFC 901.6 - Remove obstruction to the fire alarm visual devices.	2	6
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Out Of Service MSFC 901.6	MSFC 901.6 - Repair and return the fire alarm system to service.	10	10
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Maintenance MSFC 901.6	MSFC 901.6 - The fire alarm system must be maintained in a operative condition at all times, replace or repair where defective.	10	10
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Audibility MSFC 907.10.2	MSFC 907.10.2 - Contact a qualified fire alarm contractor to test and provide code required fire alarm system audibility.	2	6
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Monitoring MSFC 907.15	MSFC 907.15 - Provide approved monitoring of the fire alarm system.	4	6
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Monitoring - 24 hr test MSFC 907.15	MSFC 907.15, NFPA 72 4-5.3.2.1.10 - We have been notified by your fire alarm contractor or fire alarm monitoring service that your monitored fire suppression system, fire alarm system, single station smoke detector or single station heat detector is not		6
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Emerg Contacts/ Operations MSFC 907.19	MSFC 907.19 - Provide fire alarm owner, emergency contact, alarm contractor, and alarm operation information in the fire alarm panel.	2	2
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Annual Testing MSFC 907.20 as amended	MSFC 907.20 as amended - Provide required annual maintenance of the fire alarm system by a qualified person and provide written documentation to this office as proof of compliance.	4	6
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Required MSFC 907.3 as amended	MSFC 907.3 - Provide an approved fire alarm system. This work may a require a permit(s), call DSI at (651) 266-9090.	9	10
Fire Protection Equipment	Alarms (CEP's)	Fire Alarm Zone Diagram MSFC 907.9	MSFC 907.9 - Provide an approved zone diagram for the fire alarm system in the fire alarm panel.	2	2
Fire Protection Equipment	Extinguisher (FE-1) (CEP)	Needs recharging/tagging MSFC 901.6	MSFC 901.6 - Have fire extinguisher recharged and tagged.	0	6
Fire Protection Equipment	Extinguisher (FE-1) (CEP)	Fire Extinguisher Service MSFC 901.6	MSFC 901.6 - Provide required annual maintenance of the fire extinguishers by a qualified person and tag the fire extinguishers with the date of service.	4	6
Fire Protection Equipment	Extinguisher (FE-1) (CEP)	Tampering with Fire Protection Equipment MSFC 901.8.1	MSFC 901.8.1 - It shall be unlawful for any person to remove, tamper with or otherwise disturb		2

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Fire Protection Equipment	Extinguisher (FE-1) (CEP)	Fire Extinguisher Location MSFC 906.1, MN Stat. 299F.361	MSFC 906.1, MN Stat. 299F.361 - Provide approved fire extinguishers in accordance with the following types, sizes and locations.	6	6
Fire Protection Equipment	Sprinkler (CEP)	Provide Fire Watch MSFC901.7	MSFC 901.7 - Provide a fire watch until the fire sprinkler system is returned to service.	1	4
Fire Protection Equipment	Sprinkler (CEP)	Storage Clearance to Sprinkler Head MSFC 315.2.1	MSFC 315.2.1 - Provide and maintain a minimum of 18 inches clearance between the top of the storage and the sprinkler heads throughout the space.	4	4
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Valve Obstruction MSFC 508.5.4	MSFC 508.5.4 - Provide and maintain a minimum of 3 feet unobstructed access around all fire sprinkler valves.	2	4
Fire Protection Equipment	Sprinkler (CEP)	Improper Sprinkler Head Location MSFC 901.6	MSFC 901.6 - Contact a fire sprinkler contractor to relocate the improperly located sprinkler heads. All sprinkler work must be done by a licensed contractor under permit.	1	2
Fire Protection Equipment	Sprinkler (CEP)	Painted/Damaged Sprinkler Heads MSFC 901.6	MSFC 901.6 - Contact a fire sprinkler contractor to replace all painted or damaged fire sprinkler heads. All sprinkler work must be done by a licensed contractor under permit.	2	6
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Out Of Service MSFC 901.6	MSFC 901.6 - Immediately repair and return the fire sprinkler system to service. All work must be done by a licensed contractor under permit.	10	10
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Annual Testing MSFC 901.6	MSFC 901.6 - Provide required annual inspection and testing of the fire sprinkler system by a licensed fire sprinkler contractor and provide written documentation to this office as proof of compliance. Tags must be maintained on the riser showing the lat	4	6
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Mfg. Recalls MSFC 901.6	MSFC 901.6 - The fire sprinkler heads have been recalled by the manufacturer. Contact a licensed fire sprinkler contractor to replace the fire sprinkler heads under permit	1	2
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Maintenance MSFC 901.6	MSFC 901.6 - The fire sprinkler system must be maintained in a operative condition at all times, replace or repair where defective. All work must be done by a licensed contractor under a permit.	10	10
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Does Not Protect Hazard MSFC 901.6	MSFC 901.6 - The sprinkler system does not appear to properly protect the hazard. Contact a fire sprinkler contractor to provide calculation and/or remedies to properly protect the hazard. Provide written documentation to this office. All sprinkler wor	1	2
Fire Protection Equipment	Sprinkler (CEP)	Aged Sprinkler Heads MSFC 901.6	MSFC 901.6 - The sprinklers in service for more than 50 years for standard response heads or more than 20 years for quick response heads shall be replaced or samples sent to an approved laboratory for testing. Provide documentation to this office as proo	1	6

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Fire Protection Equipment	Sprinkler (CEP)	Insufficient Sprinkler Water Supply MSFC 901.6	MSFC 901.6 - The water supply does not appear to properly support the sprinkler system water demand. Contact a fire sprinkler contractor to provide calculation and/or remedies to properly protect the hazard. Provide written documentation to this office.	1	2
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Required MSFC 903.2	MSFC 903.2 - Provide an approved fire sprinkler system. This work will require a permit(s). Call Fire Prevention at (651)228-6230.	10	10
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Head Obstructions MSFC 903.3.3	MSFC 903.3.3 - Remove obstruction to the fire sprinkler head or contact a licensed fire sprinkler contractor to provide code compliant coverage. Any sprinkler work must be done by a licensed contractor under a permit.	4	2
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Monitoring MSFC 903.4	MSFC 903.4 - Provide approved monitoring of the fire sprinkler system flow and tamper switches. This work will require a permit(s).	4	6
Fire Protection Equipment	Sprinkler (CEP)	Provide Outside Sprinkler Alarm MSFC 903.4.2	MSFC 903.4.2 - Provide and maintain an approved outside audible fire sprinkler flow alarm.	2	6
Fire Protection Equipment	Sprinkler (CEP)	Locks On Sprinkler Valves MSFC 903.4.4	MSFC 903.4.4 - Provide approved physical security of all fire sprinkler control valves.	2	2
Fire Protection Equipment	Sprinkler (CEP)	Sprinkler Zone Diagram MSFC 907.9	MSFC 907.9 - Provide an approved zone diagram for the fire sprinkler system at the riser.	2	2
Fire Protection Equipment	Sprinkler (CEP)	Voluntary Sprinkler Recall & Replacement Program	MUFC 901.6 Saint Paul Fire Prevention acknowledges your participation in the voluntary fire sprinkler recall program and has received your claim number. Please advise the Fire Inspector upon completion of the replacement of the recalled fire sprinkler h	0	0
Fire Protection Equipment	Sprinkler (CEP)	Provide Spare Heads and Wrench NFPA 13 2-2.8	NFPA 13 2-2.8 - Contact a fire sprinkler contractor to provide a sprinkler head box including spare sprinkler heads and/or a wrench. The box must be located and maintained at the main riser.	3	6
Fire Protection Equipment	Sprinkler (CEP)	Hanging From Sprink Pipes & Heads Prohibited NFPA 13 2-6	NFPA 13 2-6.1.7 - Remove all objects, equipment or storage hanging from the fire sprinkler piping and/or fire sprinkler heads.	2	2
Fire Protection Equipment	Sprinkler (CEP)	Fire Sprinkler Drain Inadequate NFPA 13 4-14.3.6.1	NFPA 13 4-14.3.6.1 - Re-pipe the fire sprinkler system drains outside or to an interior drain capable of handling the full flow of the drain test.	4	4
Fire Protection Equipment	Sprinkler (CEP)	Commercial Cooking System Ext. Discharge	NFPA 96 5-3 When the commercial cooking fire extinguishing system discharges, makeup air supplied internally to a hood shall shut off.	0	0
Fire Protection Equipment	Standpipes (CEP)	Standpipe Valve Obstruction MSFC 508.5.4	MSFC 508.5.4 - Provide and maintain a minimum of 3 feet unobstructed access around all fire control valves.	2	2
Fire Protection Equipment	Standpipes (CEP)	Standpipes Out Of Service MSFC 901.6	MSFC 901.6 - Immediately repair and return the fire standpipe system to service. All standpipe work must be done by a licensed contractor under permit.	10	10
Fire Protection Equipment	Standpipes (CEP)	Provide Caps On Hose Connections MSFC 901.6	MSFC 901.6 - Provide and maintain caps on all hose connections.	2	2

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Fire Protection Equipment	Standpipes (CEP)	Provide Standpipe Valve Handles MSFC 901.6	MSFC 901.6 - Provide and maintain handles on all standpipe valves.	6	6
Fire Protection Equipment	Standpipes (CEP)	Standpipe Wet/Dry Labels MSFC 901.6	MSFC 901.6 - Provide approved permanent label on the standpipe at each hose connection indicating whether it is wet or dry.	2	2
Fire Protection Equipment	Standpipes (CEP)	Standpipe Annual Testing MSFC 901.6	MSFC 901.6 - Provide required annual inspection and testing of the fire standpipe system and provide written documentation to this office as proof of compliance.	1	6
Fire Protection Equipment	Standpipes (CEP)	Occupant Hose Maint, S and F Occupancies MSFC 901.6	MSFC 901.6 - Provide required annual inspection and testing of the occupant hose system and provide written documentation to this office as proof of compliance.	4	6
Fire Protection Equipment	Standpipes (CEP)	Standpipe Maintenance MSFC 901.6	MSFC 901.6 - The fire standpipe system must be maintained in a operative condition at all times, replace or repair where defective. All standpipe work must be done by a licensed contractor under permit.	9	8
Fire Protection Equipment	Standpipes (CEP)	Standpipes Required MSFC 905.3	MSFC 905.3 - Provide an approved fire standpipe system. All standpipe work must be done by a licensed contractor under permit.	9	8
Fire Protection Equipment	Standpipes (CEP)	Remove Occupant Hose MSFC 905.3	MSFC 905.3 - Remove all occupant fire hoses and convert the valves to 2 1/2 inch National Standard Hose Threads.	2	2
Gas/Service/Repair	AST Fuel Dispensing	Disp.Hose 5' From Bldg. Openings MSFC 2203.1	MSFC 2203.1 - Locate the dispensers so that when the hose is fully extended the nozzle is at least 5 feet from any building opening.		0
Gas/Service/Repair	AST Fuel Dispensing	AST/UST Dispensing Signage MSFC 2205.6	MSFC 2205.6 - Post sign(s) within sight of each fuel dispensed that include the following:'STOP ENGINE', 'NO SMOKING', 'NO DISPENSING INTO UNAPPROVED CONTAINERS'		0
Gas/Service/Repair	AST Fuel Dispensing	Unapproved AST Fuel Dispensing MSFC 2206.2.5	MSFC 2206.2.5 - Immediately discontinue above ground dispensing of gasoline or diesel fuel from unapproved equipment into motor vehicles.		0
Gas/Service/Repair	AST Fuel Dispensing	AST Approval MSFC 2206.2.7.1	MSFC 2206.2.7.1 - Obtain Saint Paul Fire Marshal plan approval and permits for installation of new above ground fuel dispensing tank. This work will require a permit(s). Call (651) 228-6230.		0
Gas/Service/Repair	AST Fuel Dispensing	Maximum Number of AST MSFC 2206.2.7.1.1	MSFC 2206.2.7.1.1 - Remove all fuel dispensing tanks in excess of 3.		0
Gas/Service/Repair	AST Fuel Dispensing	Maximum Capacity of AST MSFC 2206.2.7.1.2	MSFC 2206.2.7.1.2 - Individual tank capacity of above ground storage shall not exceed 6,000 gallons of Class I liquids or 10,000 gallons of Class II liquids.		0
Gas/Service/Repair	AST Fuel Dispensing	AST Disp.Top Suction/ Antisyphon System MSFC 2206.2.7.1.3	MSFC 2206.2.7.1.3 - Fuel delivery from above ground tanks must be from the top of the tank with dispensing lines equipped with an approved antisyphon system.		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Gas/Service/Repair	AST Fuel Dispensing	AST Fuel Dispensing Lines MSFC 2206.2.7.1.4	MSFC 2206.2.7.1.4 - Provide aboveground tank fuel dispensing lines that are underground, are enclosed in an approved secondary containment system and are equipped with normally closed solenoid valves at each dispenser location below the impact valve.		0
Gas/Service/Repair	AST Fuel Dispensing	AST Dispenser To Tank Location MSFC 2206.2.7.1.8	MSFC 2206.2.7.1.8 - Remove or relocate fuel dispensers so they are located at least 30 feet from above ground fuel dispensing tank(s).		0
Gas/Service/Repair	AST Fuel Dispensing	UL 142 AST Dispenser To Tank <30' MSFC2206.2.7.1.9	MSFC 2206.2.7.1.9 - Remove or relocate above ground fuel dispensing tank(s) with dispensers located less than 30 feet from tank(s) to be at least 50 feet from property lines, buildings, nearest side of public way, or combustible storage on the same proper		0
Gas/Service/Repair	AST Fuel Dispensing	UL 142 AST Dispenser To Tank > 30' away MSFC 2206.2.7.1.9	MSFC 2206.2.7.1.9 - Remove or relocate above ground fuel dispensing tank(s) with dispensers located over 30 feet from tank(s) so they are at least 30 feet from property lines, buildings, nearest side of public way, or combustible storage on the same prope		0
Gas/Service/Repair	AST Fuel Dispensing	AST Collision Protection MSFC 2206.4	MSFC 2206.4 - Provide approved collision protection at above ground fuel storage/dispensing tank(s) and dispensing unit(s).		0
Gas/Service/Repair	AST Fuel Dispensing	AST Dispensing, Contain & Protection MSFC 2206.4, 2206.5	MSFC 2206.4, 2206.5 - Provide approved containment area and collision protection for fuel dispensing.		0
Gas/Service/Repair	AST Fuel Dispensing	Hose Length NMT 18' MSFC 2206.7.5	MSFC 2206.7.5 - Remove and discontinue use of dispenser hose lines exceeding 18 feet in length.		0
Gas/Service/Repair	AST Fuel Dispensing	Approved Portable Tanks MSFC 3405.2.4	MSFC 3405.2.4 - Provide approved unit(s) for transferring flammable/combustible liquids. Unit(s) shall be top-suction and listed to handle such liquids. Gravity dispensing, transfer or draining is prohibited. Tranfser units shall be stored within an appr		0
Gas/Service/Repair	Fuel Dispensing	Disposal	Contact Ramsey County Environmental Health (651) 773-4466 about a waste disposal permit.		0
Gas/Service/Repair	Fuel Dispensing	Pump Control MSFC 2203.2	MSFC 2203.2 - Provide a clearly labeled 'EMERGENCY FUEL PUMP SHUT OFF' switch 20 feet to 100 feet from dispenser(s).		0
Gas/Service/Repair	Fuel Dispensing	Fuel Dispensing Attendant-Supervised Location MSFC 2204.2	MSFC 2204.2 - Provide proper training to all attendants. The training must include preventing dispensing of flammable/combustible liquids into unapproved containers, immediate attention to spills and releases, location of emergency fuel pump shut-off sw		0
Gas/Service/Repair	Fuel Dispensing	Dispensing Attendant-Unsupervised Location MSFC 2204.3	MSFC 2204.3 - Unsupervised dispensing locations must be provided with daily site visits by the owner/operator, regular equipment inspection and maintenance, conspicuously posted instructions for the safe operation of dispensing equipment, a fire alarm tra		0
Gas/Service/Repair	Fuel Dispensing	Signage MSFC 2205.6	MSFC 2205.6 - Post Signage - NO SMOKING, SHUT-OFF ENGINE, NO DISPENSING INTO UNAPPROVED CONTAINERS.	0	0

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Gas/Service/Repair	Fuel Dispensing	Used Oil MSFC 2210.2.2	MSFC 2210.2.2 - Provide approved container or tank and secondary containment for used oil storage.		0
Gas/Service/Repair	Fuel Dispensing	Rags MSFC 2210.2.3	MSFC 2210.2.3 - Provide a metal container with self-closing cover for oily waste rags.		0
Gas/Service/Repair	Fuel Dispensing	Water Heater/ Boiler/Furnace MSFC 2210.3	MSFC 2210.3 - Sources of ignition shall be at least 18 inches above floor.		0
Gas/Service/Repair	Fuel Dispensing	Basement/Pit MSFC 2210.4.3	MSFC 2210.4.3 - Provide approved mechanical exhaust ventilation for basement or pit where Class I liquids or LP gas are stored or used within the building.		0
Hazardous Materials	Compressed Gas Rooms	Compressed Gas Rooms MSFC 2703.8	MSFC 2703.8 - Provide approved compressed gas cabinet, enclosure or room for quantities of compressed gas exceeding:		0
Hazardous Materials	Corrosives Exterior Storage	Corrosive Exterior Storage-Containment MSFC 3104.2	MSFC 3104.2 - Provide approved secondary containment for the exterior storage of corrosives exceeding 1000 gallons.		0
Hazardous Materials	Corrosives Exterior Storage	Corrosive Exterior Storage-Location MSFC 3104.2.2	MSFC 3104.2.2 - Relocate the storage of corrosives to at least 20 feet from buildings, property lines, streets, alleys, public ways or means of egress to a public way.		0
Hazardous Materials	Corrosives Interior Storage	Corrosives Liq. Limit Controls-High MSFC 2705.1.4.1	MSFC 2705.1.4.1 - Provide high liquid level control to prevent overfilling corrosive tanks.		0
Hazardous Materials	Corrosives Interior Storage	Corrosive Liq. Limit Controls-Low MSFC 2705.1.4.2	MSFC 2705.1.4.2 - Provide low liquid level limit control to automatically shutoff heat source(s) when low level is sensed.		0
Hazardous Materials	Corrosives Interior Storage	Corrosive Limit Controls- High Heat MSFC 2705.1.4.3	MSFC 2705.1.4.3 - Provide high temperature limit control to maintain temperatures within a safe range.		0
Hazardous Materials	Corrosives Interior Storage	Corrosives Over Exempt Quantity MSFC 3104.1	MSFC 3104.1 - Provide an approved cabinet, room or area for corrosive storage exceeding 500 gallons.		0
Hazardous Materials	Corrosives Interior Storage	Corrosive Liquid Tight Floor MSFC 3104.1.1	MSFC 3104.1.1 - Provide liquid-tight floor in corrosive storage area.		0
Hazardous Materials	Corrosives Interior Storage	Corrosive Storage Ventilation MSFC 3105.1.2	MSFC 3105.1.2 - Provide approved mechanical exhaust ventilation system for interior dispensing and use areas.		0
Hazardous Materials	Hazardous Material Cabinets	Hazardous Material Cabinets MSFC 2703.8.6	MSFC 2703.8.6 - Provide approved hazardous material storage cabinet(s) for quantities of hazardous materials exceeding:		0
Hazardous Materials	Hazardous Material Cabinets	Haz Mat Cabinet Bottom MSFC 2703.8.6.1	MSFC 2703.8.6.1 - Provide cabinets used for the storage of liquids with bottoms liquid tight to a minimum height of 2 inches.		0
Hazardous Materials	Hazardous Material Cabinets	Haz Mat Cabinet Repair MSFC 2703.8.6.1	MSFC 2703.8.6.1 - Repair or replace, and maintain hazardous material storage cabinet doors to ensure proper closure and latching, including the door, closer and latching device.		0
Hazardous Materials	Hazardous Materials Interior Storage and Use	Haz Mat # of Control Areas Other Occup. MSFC 2703.1.1	MSFC 2703.1.1 - The exempt quantities of hazardous materials have been exceeded in either the building or control area. Reduce or reconfigure the storage of hazardous materials in an approved manner.		0

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Hazardous Materials	Hazardous Materials Interior Storage and Use	Haz Mat # of Control Areas M&S MSFC 2703.11	MSFC 2703.11 - The exempt quantities of hazardous materials have been exceeded in either the building or control area. Reduce or reconfigure the storage of hazardous materials in an approved manner. A maximum of 2 control areas are permitted per floor i		0
Hazardous Materials	Hazardous Materials Interior Storage and Use	Haz Mat Control Area Construction MSFC 2703.8.2.3	MSFC 2703.8.2.3 - Provide a minimum one-hour fire rated separation between control areas. This work may require a permit(s). Call DSI at (651) 266-9090.		0
Hazardous Materials	Hazardous Materials Interior Storage and Use	Haz Mat Spill Control MSFC 2704.2.1	MSFC 2704.2.1 - Provide approved spill control.		0
Hazardous Materials	Hazardous Materials Interior Storage and Use	Haz Mat Secondary Cont. & Drainage MSFC 2704.2.2	MSFC 2704.2.2 - Provide approved secondary containment and drainage.		0
Hazardous Materials	Hazardous Materials Interior Storage and Use	Haz Mat Ventilation MSFC 2704.3	MSFC 2704.3 - Provide approved mechanical exhaust ventilation system. This work may require a permit(s). Call DSI at (651) 266-9090.		0
Hazardous Materials	Hazardous Materials Interior Storage and Use	Liquid Transfer Hazardous Materials MSFC 2705.1.10	MSFC 2705.1.10 - Transfering of liquids having a hazard rating of 3 or 4 in accordance with NFPA 704 must be by one of the following methods: from approved safety containers; by an approved pump taking suction through an opening in the top of the containe		0
Hazardous Materials - Ordinary Buildings	704 Placards (HM-1)	Hazard Placards MSFC 2703.5	MSFC 2703.5 - Provide NFPA 704 hazard identification HM-1. Blue = Red = Yellow = White = See handout on DSI website at: www.stpaul.gov/dsi > Fire Certificate of Occupancy > Hazard Identification Placard Information (for HM-1).	2	2
Hazardous Materials - Ordinary Buildings	Containers	Haz Mat Container Labels MSFC 3403.5	MSFC 3403.5 - Label all containers with product specific identification.		0
Hazardous Materials - Ordinary Buildings	Fireworks Sales	Signage M.S. 624.2	M.S. 624.2 Provide a clearly legible sign at the fireworks display that NO ONE UNDER THE AGE OF 18 CAN PURCHASE FIREWORKS. PHOTO ID REQUIRED.	0	10
Hazardous Materials - Ordinary Buildings	Fireworks Sales	Underage Sale M.S. 624.2	M.S. 624.2 Cease the selling of fireworks to persons under 18 years of age.	0	10
Hazardous Materials - Ordinary Buildings	Fireworks Sales	Sale Of Illegal Fireworks M.S. 624.2	M.S. 624.2 Immediately cease the selling of illegal fireworks.	0	10
Hazardous Materials - Ordinary Buildings	Fireworks Sales	Sale Without Permit MSFC 105.6.15	MSFC 105.6.15 Stop selling fireworks without a permit from the Fire Marshal. Call 651-228-6230 to apply for a fire permit.	0	10

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Hazardous Materials - Ordinary Buildings	Fireworks Sales	No Smoking Signs MSFC 310.3	MSFC 310.3 Provide a legible NO SMOKING sign at the fireworks display.	0	0
Hazardous Materials - Ordinary Buildings	Flammable/Combustible Liquids	Flam. Liq Over exempt amts. MSFC 3404.3.4, SPLC 34.15 (1)	MSFC 3404.3.4, SPLC 34.15 (1) - Reduce and maintain the flammable or combustible liquids storage quantity in accordance with MSFC 2703.1.1(1) or other approved storage methods.		0
Hazardous Materials - Ordinary Buildings	Hazardous Material Storage	Incompatible Haz Material Storage MSFC 2703.9.8	MSFC 2703.9.8 - Separate incompatible materials.		0
Hazardous Materials - Ordinary Buildings	Hazardous Material Storage	Haz Mat Exceeded exempt amounts MSFC 2705.4.1	MSFC 2705.4.1 - Reduce and maintain the hazardous materials storage quantity.		0
Hazardous Materials - Ordinary Buildings	Leaks/Spills	Leaks/Spills Container Repair MSFC 2703.2.6.2	MSFC 2703.2.6.2 - Immediately discontinue the unauthorized discharge of flammable/combustible liquids and make such repairs as required.		10
Hazardous Materials - Ordinary Buildings	MSDS	Provide MSDS MSFC 2703.4	MSFC 2703.4 - Provide Material Safety Data Sheets on all flammable and combustible liquids, hazardous materials, and chemicals on site. The sheets are to be kept on site in an orderly fashion in a readily accessible area.		2
Hazardous Materials - Ordinary Buildings	Pressurized Cylinders	Secure Pressurized Cylinders MSFC 3003.3.3	MSFC 3003.3.3- Secure the pressurized cylinders.	2	6
Hazardous Materials - Ordinary Buildings	Tanks	Flam. Liquid Spills/Releases MSFC 2703.3	MSFC 2703.3 - Flammable/combustible liquids and petroleum waste shall not be discharged or released on the sidewalk, street, highway, drainage canal, ditch, storm drain, sewer, flood-control channel, lake, river, or the ground.		0
Hazardous Materials - Ordinary Buildings	Tanks	Haz Mat Spills/Releases Reported MSFC 2703.3.1	MSFC 2703.3.1 - Unauthorized discharges or releases shall be immediately reported to Fire Department (9-1-1) and cleaned up in an approved manner. Also call Ramsey County Environmental Health (651) 773-4466 and State Duty Officer (651) 649-5451, if a rep		0
Hazardous Materials - Ordinary Buildings	Tanks	Tank Containment MSFC 3404.2.10	MSFC 3404.2.10 - Provide an approved means for secondary containment for the above ground tank.		0
Hazardous Materials - Ordinary Buildings	Tanks	UST/AST Temporary Out of Service MSFC 3404.2.13.2.1	MSFC 3404.2.13.2.1 - All above/underground tanks which have been out of service under 90 days must have all fill lines, gage openings, vapor return, and pump connections secured against tampering. Vent lines shall remain open.		0

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Hazardous Materials - Ordinary Buildings	Tanks	UST/AST Out of Service Over 90 Days MSFC 3404.2.13.2.2	MSFC 3404.2.13.2.2 - All above/underground tanks which have been out of service over 90 days shall be pumped free of product, and cap/plug all fill lines, gage openings, vapor returns, and pump connections. Vent lines shall remain open. Or properly remove		4
Hazardous Materials - Ordinary Buildings	Tanks	UST/AST Out of Service Over 1 Year MSFC 3404.2.13.2.3	MSFC 3404.2.13.2.3 - All above/underground tanks which have been out of service at least 1 year shall be properly removed, unless tanks are tested in an approved manner and properly returned to service. (Permits)		6
Hazardous Materials - Ordinary Buildings	Tanks	No Smoking Permitted MSFC 3404.2.3.1	MSFC 3404.2.3.1 - Smoking is not permitted. Signs prohibiting smoking must be posted in a conspicuous area.		0
Hazardous Materials - Ordinary Buildings	Tanks	Tank Product Label MSFC 3404.2.3.2	MSFC 3404.2.3.2 - Label all tanks greater than 100 gallon capacity with product specific identification.		0
Hazardous Materials - Ordinary Buildings	Tanks	Tank Inventory MSFC 2206.2.1	MSFC2206.2.1 - Accurate daily inventory records shall be maintained and reconciled on all storage tanks. Records shall be kept on site and available upon request. A consistent or accidental loss of liquids shall be immediately reported to the Fire Departm		0
High Hazard Flammable/Combustible Liquids	Cleaning	No Cleaning W/Class 1A Flam Liq MSFC 3405.3.6.1	MSFC 3405.3.6.1 - Immediately discontinue using Class 1A flammable liquids for cleaning purposes.		0
High Hazard Flammable/Combustible Liquids	Cleaning	Cleaning W/Other Flam Comb Liq MSFC 3405.3.6.2	MSFC 3405.3.6.2 - Provide approved machine or room for cleaning with Class 1B, 1C, 2 and 3A flammable /combustible liquids.		0
High Hazard Flammable/Combustible Liquids	Exempt Quantity	Flam/Comb.Liq. Exceed Exempt Qty Per Area MSFC 3405.3.7	MSFC 3405.3.7 - Provide approved flammable liquid dispensing room for indoor dispensing/mixing of flammable/combustible liquids exceeding those listed in MSFC Table 2703.1.1(1). The maximum allowable quantity is:		0
High Hazard Flammable/Combustible Liquids	Exterior Dispensing	Ext. Flam/Comb Liq. Disp Location on Property MSFC 3405.3.8.2	MSFC 3405.3.8.2 - Dispensing activities shall be at least 15 feet from buildings or combustible materials; at least 25 feet from building openings, property lines, streets, alleys or public ways; and 15 feet from flammable/combustible liquid storage.		0
High Hazard Flammable/Combustible Liquids	Exterior Dispensing	Ext. Flam/Comb Liq. Disp Spill Cont. & Sec Cont. MSFC 3405.3.8.1	MSFC 3405.3.8.1 - Provide approved spill control for exterior dispensing operations and areas.		0
High Hazard Flammable/Combustible Liquids	Exterior Dispensing	Ext. Flam/Comb Liq. Disp Location of Vessels MSFC 3405.3.8.3	MSFC 3405.3.8.3 - Flammable/combustible liquid processing vessels must be separated from property lines by at least:		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Vent Damper MSFC 3405.3.7.5.1	MSFC 3405.3.7.5.1 - Provide approved air in-let with shutter and heat-activated hold-open device (fusible link) for flammable liquid dispensing rooms.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Const.MSFC 3405.3.7	MSFC 3405.3.7 - Provide an approved flammable liquid dispensing room in accordance with the State Building Code. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Vent. Shut-Off MSFC 3405.3.7.1	MSFC 3405.3.7.1 - Mechanical exhaust ventilation in flammable liquid dispensing room must have a shut-off control outside of the room and next to the door.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp.Not In Bsmnt MSFC 3405.3.7.2	MSFC 3405.3.7.2 - Immediately remove and discontinue dispensing of all Class 1 flammable liquids in the basement.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Sprink MSFC 3405.3.7.3	MSFC 3405.3.7.3 - Provide an approved fire-extinguishing system in flammable liquid dispensing room. This work will require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Doors MSFC 3405.3.7.4	MSFC 3405.3.7.4 - Repair or replace, and maintain flammable liquid dispensing room doors to ensure proper closure and latching, including the door, closer and latching device.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Vent.Continuous MSFC 3405.3.7.5.1	MSFC 3405.3.7.5.1 - Mechanical exhaust ventilation in flammable liquid dispensing room must operate continuously unless otherwise approved.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Vent. Location MSFC 3405.3.7.5.1	MSFC 3405.3.7.5.1 - Mechanical exhaust ventilation in flammable liquid storage room must be arranged so that exhaust is taken from a point within 12 inches of floor and an air in-let located to provide air movement across the room.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq Disp. Rm Vent. MSFC 3405.3.7.5.1	MSFC 3405.3.7.5.1 - Provide approved mechanical exhaust ventilation system for the flammable liquid dispensing room. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Disp. Rm Explosion Relief MSFC 3405.3.7.5.2	MSFC 3405.3.7.5.2 - Provide approved explosion relief in flammable liquid dispensing rooms. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Dispensing Room	Flam/Comb Liq. Disp Rm Spill Cntrl/Sec. Cont MSFC 3405.3.7.6.3	MSFC 3405.3.7.6.3 - Provide approved containment methods at flammable liquid room doors.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Cabinets	Flam/Comb Liq. Storage Cab. Qty MSFC 3404.3.2.2	MSFC 3404.3.2.2 - Reduce the maximum combined quantity of all Flammable/Combustible liquids in a flammable liquid storage cabinet to not more than 120 gallons, with not more than 60 gallons being Class I or II liquids.		0

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High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq Cab Warning Signs MSFC 3404.3.2.1.2	MSFC 3404.3.2.1.2 - Provide 'DANGER- KEEP FIRE AWAY' or 'DANGER-FLAMMABLE LIQUIDS-NO SMOKING' 'FLAMMABLE - KEEP FIRE AWAY' sign on door of all flammable liquid storage cabinets.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq Strge Cab.Doors MSFC 3404.3.2.1.3	MSFC 3404.3.2.1.3 - Repair or replace, and maintain flammable liquid storage cabinet doors to ensure proper closure and latching, including the door, closer and 3-point latch.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm.Separation MSFC 3404.3.7.2.2	MSFC 3404.3.7.2.2 - Piles of storage in flammable liquid storage room must be separated by at least 4 foot aisle. Containers must be stored less than 20 feet from an aisle. Main aisle must be at least 8 feet wide.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Explosion Relief MSFC 2704.6	MSFC 2704.6 Provide approved explosion relief in flammable liquid storage room in accordance with SBC 414.5.1. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strge Cabinet Const MSFC 3404.3.2	MSFC 3404.3.2 - Provide approved flammable liquid storage cabinet.		8
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq Cab A Occ. MSFC 3404.3.2.3	MSFC 3404.3.2.3 - Only one flammable liquid storage cabinet is permitted in Group A occupancies. Remove any additional flammable liquid storage cabinets.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Construction MSFC 3404.3.7.1	MSFC 3404.3.7.1 Provide a flammable liquid storage room constructed and separated in accordance with SBC. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq Strg Rm Qty & Arrang Per Pile MSFC 3404.3.7.2	MSFC 3404.3.7.2 - Storage in flammable liquid storage rooms must be in accordance with MSFC Table 3404.3.6.3.(2), 3404.3.6.3.(3).		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb. Liq. Strg Rm. Stabilizing MSFC 3404.3.7.2.3	MSFC 3404.3.7.2.3 - Containers and piles in flammable liquid storage room must be separated by pallets or dunnage to provide stability and to prevent excessive stress on container walls.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq.Strg Rm Spill Control/Sec Cont MSFC 3404.3.7.3	MSFC 3404.3.7.3 - Provide minimum approved containment methods at flammable liquid room doors.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Vent. Location MSFC 3404.3.7.4	MSFC 3404.3.7.4 Mechanical exhaust ventilation in flammable liquid storage room must be arranged so that exhaust is taken from a point within 6 inches of floor and an air in-let located to provide air movement across the room.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Vent. Shut-Off MSFC 3404.3.7.4	MSFC 3404.3.7.4 Mechanical exhaust ventilation in flammable liquid storage room must have a shut-off control outside of the room and next to the door.		0

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High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Vent Continuous Oper. MSFC 3404.3.7.4	MSFC 3404.3.7.4 Mechanical exhaust ventilation in flammable liquid storage room must operate continuously unless otherwise approved.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Ventilation MSFC 3404.3.7.4	MSFC 3404.3.7.4 Provide mechanical exhaust ventilation in flammable liquid storage room at a rate of not less than 1 cubic foot per minute per square foot of floor area. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Fire Sprinkler MSFC 3404.3.7.5.1	MSFC 3404.3.7.5.1 Provide approved automatic sprinkler system in flammable liquid storage room. This work will require a permit(s). Call Fire Prevention at (651) 228-6230.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Fire Ext. MSFC 3404.3.7.5.2	MSFC 3404.3.7.5.2 Provide one, minimum 20B fire extinguisher outside of flammable liquid storage room within 10 feet of the door.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq. Strg Rm Doors MSFC 703.2	MSFC 703.2 Repair or replace, and maintain flammable liquid storage room doors to ensure proper closure and latching, including the door, closer and latching device.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Rooms	Flam/Comb Liq Qty & Arrang Strge Ht Per Pile MSFC 7902.5	MSFC 7902.5.11.2 Storage in flammable liquid storage rooms must be in accordance with MSFC Table 7902.5D-E. Maximum storage height must not exceed:		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Qty/Arrang Sep MSFC 3404.3.8.1.2	MSFC 3404.3.8.1.2 - Piles of storage in flammable liquid storage warehouses must be separated by at least 4 foot aisle. Containers must be stored less than 20 feet from an aisle. Main aisle must be at least 8 feet wide.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Stabilizing MSFC 3404.3.7.2.3	MSFC 3404.3.7.2.3 Containers and piles in flammable liquid storage warehouses must be separated by pallets or dunnage to provide stability and to prevent excessive stress on container walls.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Construction MSFC 3404.3.8	MSFC 3404.3.8 Provide a flammable liquid storage warehouse which must be constructed and separated in accordance with SBC. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Qty/Arrang Gals MSFC 3404.3.8.1	MSFC 3404.3.8.1 Total quantity of Flammable/Combustible liquid storage in flammable liquid storage warehouse is not limited but the arrangement of such storage must be in accordance with MSFC Table 3404.3.6.3 (2). 3404.3.6.3 (3). The maximum gallon quant		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Qty/Arrang Hgt MSFC 3404.3.8.1	MSFC 3404.3.8.1 Total quantity of Flammable/Combustible liquid storage in flammable liquid storage warehouse is not limited but the arrangement of such storage must be in accordance with MSFC Table 3404.3.6.3 (2). 3404.3.6.3 (3). The maximum height per p		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Whse. Spill Ctrl & Sec Cont MSFC 3404.3.8.2	MSFC 3404.3.8.2 Provide an approved secondary containment method for flammable liquid warehouse.		0

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High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Ventilation MSFC 3404.3.8.3	MSFC 3404.3.8.3 - Provide approved mechanical exhaust ventilation for the flammable liquid storage warehouse.		0
High Hazard Flammable/Combustible Liquids	Flammable Liquid Storage Warehouse	Flam/Comb Liq. Warehouse Sprink. MSFC 3404.3.8.4	MSFC 3404.3.8.4- Provide an approved automatic sprinkler system in flammable liquid storage warehouse. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Handling And Use (Dispensing and Mixing)	Flam/Comb Liquid Transfer MSFC 3405.2.4	MSFC 3405.2.4 - Transfering of Class 1 and 2 flammable/combustible liquids must be by one of the following methods: from approved safety containers; by an approved pump taking suction through an opening in the top of the container/tank; by gravity through		0
High Hazard Flammable/Combustible Liquids	Handling And Use (Dispensing and Mixing)	Flam/Comb. Liq. Use Mixing & Blending Vessels MSFC 3405.3.1	MSFC 3405.3.1 - Provide and maintain self-closing, tight-fitting, noncombustible lids on all vessels used to mix/blend Class 1 flammable liquids and Class 2 or 3 liquids heated up to or above their flashpoint.		0
High Hazard Flammable/Combustible Liquids	Handling And Use (Dispensing and Mixing)	Flam/Comb. Liq. Transfer Bonding/Grounding MSFC 3405.3.2	MSFC 3405.3.2 - Provide approved bond wires, ground cables, piping or similar means to a static ground when dispensing/transferring Class 1 flammable liquids between metal containers and Class 2 or 3 liquids heated up to or above their flashpoint.		0
High Hazard Flammable/Combustible Liquids	Quantity	Flam/Comb.Liq. Over Exempt Qty Control Area MSFC 2703	MSFC 2703 - Provide approved flammable/combustible liquid storage cabinet or room for quantities of flammable/combustible liquids which exceed the exempt amounts listed in MSFC 7902.5.7 tables 5-A and 5-B or reduce quantity to exempt amount. This work ma		0
High Hazard Flammable/Combustible Liquids	Separation of Materials	Haz Mat Incompatible Stg. MSFC 2703.9.8	MSFC 2703.9.8 - Separate incompatible hazardous materials by one of the following methods: Separate incompatible materials by at least 20 feet of clear space; or Isolate the materials by a noncombustible partition extending at least 18 inches above and to		0
High Hazard Flammable/Combustible Liquids	Spill Control/ Secondary Containment	Flam/Comb. Liq. Sec. Containment MSFC 3403.4	MSFC 3403.4 Provide approved secondary containment for flammable/combustible liquid storage, handling, and use (dispensing/mixing) areas.		0
High Hazard Flammable/Combustible Liquids	Spill Control/ Secondary Containment	Flam/Comb.Liq. Spill Control Containment MSFC 3403.4	MSFC 3403.4 Provide approved spill control for flammable/combustible liquid storage, handling, and use (dispensing/mixing) areas.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Area Cleanliness MSFC 1503.4	MSFC 1503.4- Spraying areas must be kept clean and free of accumulations of combustible residue.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Residue Disposal MSFC 1503.4.2	MSFC 1503.4.2 - Properly dispose of spray residue. Contact Ramsey County Environmental Health (651) 773-4466 about disposal.		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
High Hazard Flammable/Combustible Liquids	Spray Booth	Metal Waste Receptacles Finish Mat. Disposal MSFC 1503.4.3	MSFC 1503.4.3 - Provide and use approved metal waste cans for disposal of all waste impregnated with finishing materials. Contact Ramsey County Environmental Health (651) 773-4466 about disposal.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Interior Surfaces MSFC 1504.1.2.2	MSFC 1504.1.2.2 - Provide approved interior surfaces. Spray booth interiors must be smooth and continuous without edges and otherwise designed to prevent residue and to allow free passage of exhaust air.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Floors MSFC 1504.1.2.3	MSFC 1504.1.2.3 - Provide approved floors. Spray booth floors must be of noncombustible materials or covered with a noncombustible, non-sparking material to facilitate safe cleaning and removal of residue.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Clear Access MSFC 1504.1.2.5	MSFC 1504.1.2.5 - Provide and maintain a minimum of 36 inches of clear space around spray booth.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Limited Spray Area MSFC 1504.1.4	MSFC 1504.1.4 - Immediately cease all application of flammable or combustible spray finishes outside of approved spray areas. This includes priming, spot, touch-up, parts, body parts and body painting. Building does not meet the requirements for limited a		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Ventilation Operation MSFC 1504.2.1	MSFC 1504.2.1 - Repair and maintain mechanical exhaust ventilation in the spray booth.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Equipment Interlock MSFC 1504.2.1	MSFC 1504.2.1 - Spray equipment must be interlocked with exhaust ventilation of spray areas such that spraying operations can not be conducted unless the exhaust ventilation system is operating.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Filters Use MSFC 1504.3	MSFC 1504.3 - Provide and maintain approved filters in spray booth exhaust.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Filter Disposal MSFC 1504.3.5	MSFC 1504.3.5 - Filters deemed hazardous or flammable waste shall be placed in a non-combustible container with a tight-fitting cover and disposed of properly. Contact Ramsey County Environmental Health (651) 773-4466 about disposal.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Lighting Fixtures MSFC 1504.5.1	MSFC 1504.5.1 - Replace and maintain glass lighting panel in the spray booth. The glass must be heat-treated or hammered wired glass.		0
High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Portable Lamps Prohibited MSFC 1504.5.4	MSFC 1504.5.4 - Portable lamps are prohibited in spray areas during spraying operations. If portable lamps are used during cleaning or repair operations they must be approved for hazardous locations.		0

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High Hazard Flammable/Combustible Liquids	Spray Booth	Spray Booth Fire Protection MSFC1504.6	MSFC 1504.6 - Provide approved automatic fire extinguishing system in spray booth, exhaust plenums and both sides of exhaust filters. This work will require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Spray Finishing	Spray Finish A,E,I,R MSFC 1504.1	MSFC 1504.1 - Provide and maintain an approved room for spray application of flammable or combustible finishes. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Spray Finishing	Spray Finish B,M,F,S MSFC 1504.1	MSFC 1504.1- Provide and maintain an approved booth, room or area for spray application of flammable or combustible finishes. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb Liq. Mixed Storage MSFC 3404.3.5.4	MSFC 3404.3.5.4 Class 1, 2, and 3A Flammable/Combustible liquids shall not be stored in the same pile as ordinary combustibles when the area is accessible to the public.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb. Liq. Contr. Stored Closed MSFC 3404.3	MSFC 3404.3 - All Class 1 and 2 Flammable/Combustible liquid containers must be stored in the closed condition at all times except when in actual use.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb. Liq. Stored Near Exits MSFC 3404.3.3.3	MSFC 3404.3.3.3 - Class 1, 2, and 3A Flammable/Combustible liquids must not be stored near or be allowed to obstruct physically the route of egress.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb. Liq. Expt Qty Maint/Operation MSFC 3404.3.3.4	MSFC 3404.3.3.4 Provide approved Flammable/Combustible liquid storage cabinet for quantities of Class 1 and 2 liquids exceeding 10 gallons used for maintenance purposes and operation of equipment.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb Liq. Expt Qty MSFC 3404.3.4.3	MSFC 3404.3.4.3 Quantities in the accessory use shall not exceed the amounts necessary for demonstration, treatment, laboratory work, maintenance purposes and operation of equipment.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb. Liq. Storage Bsmt MSFC 3404.3.5.1	MSFC 3404.3.5.1 Immediately remove and discontinue storage of all Class 1 Flammable liquids in the basement.		10
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb Liq. Cont. Over 30 Gal MSFC 3404.3.5.2	MSFC 3404.3.5.2 Flammable/Combustible liquid containers having a capacity of 30 gallons or more shall not be stacked more than one high and must be stored in an upright position.		0
High Hazard Flammable/Combustible Liquids	Storage	Flam/Comb. Liq. Cont. Under 30 Gal MSFC 3404.3.5.2	MSFC 3404.3.5.2 Flammable/Combustible liquid containers having less than 30 gallon capacity shall not be stacked more than 3 feet high or 2 containers high whichever is greater unless on fixed shelving.		0
High-Piled Storage	Curtain Boards	High-Pile Storage Curtain Boards Required - MSFC 2306.2	MSFC 2306.2 - Provide and maintain approved curtain boards throughout the high-piled storage areas. This work may require a permit(s). Call DSI at (651) 266-9090.		0
High-Piled Storage	Fire Detection	High-Pile Storage Fire Detection Required - MSFC 2306.2	MSFC 2306.2 - Provide and maintain an approved fire detection system throughout the high-piled storage areas. This work my require a permit(s). Call DSI at (651) 266-9090.		0

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High-Piled Storage	Fire Protection	High-Pile Storage Sprinkler Systems - MSFC 2306.2	MSFC 2306.2 - Provide and maintain an approved fire sprinkler system in high-piled storage areas which adequately protects the stored commodity. This work my require a permit(s). Call (651) 228-6230 for further information..		0
High-Piled Storage	Fire Protection	High-Pile Storage Plastic Pallets - MSFC 2308.2.1	MSFC 2308.2.1 - Provide and maintain an approved, specially engineered fire sprinkler system, throughout the plastic pallet and plastic shelving storage area.		0
High-Piled Storage	Housekeeping	High-Piled Clearance Ignition Sources - MSFC 2305.2	MSFC 2305.2 - Provide and maintain a minimum of 3 feet of clearance from all ignition sources.		0
High-Piled Storage	Housekeeping	High-Pile Storage No Smoking - MSFC 2305.3	MSFC 2305.3 - Smoking in high-piled storage areas is prohibited. Post approved 'No Smoking' signs in conspicuous locations throughout high-piled storage areas.		0
High-Piled Storage	Housekeeping	High-Pile Storage Aisle Maintenance - MSFC 2305.4	MSFC 2305.4 - Provide and maintain all aisleways and exit access' to be free of obstructions. Aisle width shall be maintained at a minimum of:		0
High-Piled Storage	Housekeeping	High-Pile Storage Limitation MSFC 2305.5	MSFC 2305.5 - Maximum permissible storage height and pile volume in high-piled storage areas shall be in accordance with MSFC table 2306.2 Maximum pile / volume shall not exceed:		0
High-Piled Storage	Housekeeping	High-Pile Storage Flue Spaces -MSFC 2308.3	MSFC 2308.3 - Provide and maintain required flue spaces in high-piled storage areas in accordance with MSFC table 2306.2. Flue spaces shall be maintained at a minimum of:		0
High-Piled Storage	Racks	High-Piled Rack Installation - MSFC 2301.3	MSFC 2301.3 - Submit plans and specifications to this office for approval of the installation of the rack storage systems.		0
High-Piled Storage	Racks	High-Piled Rack Stability - MSFC 2305.1	MSFC 2305.1 - Provide and maintain structural integrity and stability of rack storage systems.		0
High-Piled Storage	Separations	High-Pile Storage Required Separations - MSFC 2306.3	MSFC 2306.3- High-piled storage areas exceeding those listed in MSFC table 2306.2 shall conform with the requirements of the table or be separated from each other by a minimum of a one hour rated wall. This work my require a permit(s). Call DSI at (651)		0
High-Piled Storage	Smoke And Heat Removal	Smoke And Heat Removal When Required - MSFC 2306.7	MSFC 2306.7 - Provide and maintain an approved smoke and heat removal system throughout the high-piled storage areas. This work my require a permit(s). Call DSI at (651) 266-9090.		0
High-Piled Storage	Standpipes	High-Pile Storage Occup. Hose Remove - MSFC 901.6	MSFC 901.6 - Remove all cabinet hoses and convert the valves to National Standard Hose Threads. The connection size is 1-1/2 inches or 2-1/2 inches.		0
High-rises	Dual Channel Fire Alarm System	Hi-Rise Dual Channel Fire Alarm MSFC 102.1	MSFC 102.1 - Provide and maintain an approved fire alarm voice communication system notifying the floor of incident and the floors of above and below to evacuate and a second message to the remainder of the building notifying them to remain in place.	8	6

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High-rises	Emergency Lighting	Hi-Rise Emerg. Lighting Generator MSFC 1010.5, 604.1	MSFC 1010.5, 604.1 - Provide and maintain all exit signs and egress illumination with standby generator power.	7	6
High-rises	Smoke Control Testing	Smoke Control Testing			0
High-rises	Voice Fire Alarm System	Hi-Rise Voice Fire Alarm MSFC 907.2.12.2	MSFC 907.2.12.2 - Provide and maintain an emergency voice fire alarm signaling system. This work may require a permit(s). Call DSI at (651) 266-9090.	10	10
Institutional	Furniture Flammability	Institutional Furn. Flam. MN Stat. 299F.840	MN Stat. 299F.840 - All furniture manufactured, sold or intended for use after January 1, 1992 must comply with flammability standards. Remove all non-complaint furniture.		6
Interior	704 Placards (HM-1)	Hazard Placards MSFC 2703.5	MSFC 2703.5 - Provide NFPA 704 hazard identification placards per handout HM-1. Blue = Red = Yellow = White = Size =	2	0
Interior	Bathroom Floor	Bathroom Floor Impervious to Water SPLC 34.10(4), 34.33(3)	SPLC 34.10 (4), 34.33 (3) - Provide a bathroom floor impervious to water.	4	4
Interior	Combustible Materials (CS-1)	Excessive Accumulation Of Materials MN Stat 299F.18	MN Stat 299F.18 - Immediately remove and discontinue excessive accumulation of combustible materials.	8	8
Interior	Combustible Materials (CS-1)	Careless Smoking MSFC 308.2.1	MSFC 308.2.1 - No person shall throw or place, or cause to be thrown or placed, a lighted match, cigar, cigarette, matches, or other flaming or glowing substance or object on any surface or article where it can cause an unwanted fire.		4
Interior	Combustible Materials (CS-1)	Candles MSFC 308.3.2	MSFC 308.3.2 Open flames such as from candles, lanterns, kerosene heaters, and gas fired heaters shall not be located on or near decorative materials or combustible materials.		4
Interior	Combustible Materials (CS-1)	Comb. Materials Ceiling Clearance MSFC 315.2	MSFC 315.2 - Provide and maintain at least 2 feet clearance below the lowest structural member or the ceiling.		1
Interior	Combustible Materials (CS-1)	Comb. Materials - Orderly Storage MSFC 315.2	MSFC 315.2 - Provide and maintain orderly storage of materials.	2	2
Interior	Combustible Materials (CS-1)	Comb. Materials - Stability MSFC 315.2	MSFC 315.2 - Provide and maintain stable piles and stacks of materials		2
Interior	Combustible Materials (CS-1)	Comb. Materials Attic Concealed Spaces MSFC 315.2	MSFC 315.2 - Remove the storage from attic or other concealed spaces or provide and maintain one hour fire resistive construction on the storage side of attics or other concealed spaces. Storage must not be place on exposed joists.	9	2
Interior	Combustible Materials (CS-1)	Fueled Equipment Storage MSFC 315.2.5	MSFC 315.2.5 - Fueled equipment, including but not limited to motorcycles, mopeds, lawn-care equipment and portable cooking equipment, shall not be stored, operator or repaired within a building.	10	10

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Interior	Combustible Materials (CS-1)	Flame Retard - Decorative Materials MSFC 805.2	MSFC 805.2 - Provide documentation that decorative materials have been treated and maintained with an approved flame retardant or remove decorative materials that do not meet the flame retardant requirements.	4	4
Interior	Condemned	Unfit For Human Habitation-Condemned SPLC 34.23, MSFC 110.1	SPLC 34.23, MSFC 110.1 - This occupancy is condemned as unfit for human habitation. This occupancy must not be used until re-inspected and approved by this office.	10	10
Interior	Condemned	Unsafe/Dangerous - Condemn SPLC 34.23, MSFC 110.1	SPLC 34.23, MSFC 110.1 - This occupancy is condemned as unsafe or dangerous. This occupancy must not be used until re-inspected and approved by this office.	10	10
Interior	Dust Collection	Dust Accumulation MSFC 1303	MSFC 1303 - Maintain accumulations of dust to a minimum. Floors and other surface dust must be collected by vacuum cleaning. Force air must not be used.		4
Interior	Dust Collection	Provide Dust Collection MSFC 1303	MSFC 1303 - Provide an approved dust collection system for all dust producing machinery. The dust collection system must be interlocked with machinery power supply to prevent the machinery from being used without the dust collection.		8
Interior	Fire Rated Assemblies	Fire Dampers MSFC 703 (as amended)	MSFC 703 - Provide, repair or replace the fire rated damper. The minimum rating must be:	6	6
Interior	Fire Rated Assemblies	Operation of Other Fire Assemblies MSFC 703 (as amended)	MSFC 703 - The fire assemblies must not be obstructed or impaired from their proper operation at any time.	6	6
Interior	Fire Rated Assemblies	Operation of Fire Damper MSFC 703 (as amended)	MSFC 703 - The fire damper must not be obstructed or impaired from its proper operation at any time.	6	6
Interior	Fire Rated Assemblies	Operation of Fire Door MSFC 703 (as amended)	MSFC 703 - The fire door must not be obstructed or impaired from its proper operation at any time.	6	6
Interior	Fire Rated Assemblies	Operation of Fire Window MSFC 703 (as amended)	MSFC 703 - The fire window must not be obstructed or impaired from its proper operation at any time.	6	6
Interior	Fire Rated Assemblies	Other Fire Assemblies MSFC 703 (as amended)	MSFC 703 - Provide, repair or replace the fire rated assembly. The minimum rating must be:	6	6
Interior	Fire Rated Assemblies	Fire Rated Corridors MSFC 1010.17 (as amended)	MSFC 1010.17 - Provide and maintain fire rated corridor construction with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090. The minimum rating must be:	8	6
Interior	Fire Rated Assemblies	Fire Windows MSFC 703 (as amended)	MSFC 703 - Provide, repair or replace the fire rated window and frame. The minimum rating must be:	6	6
Interior	Fire Rated Assemblies	Fire Rated Shafts/Stairways MSFC 703	MSFC 703 - Provide and maintain fire 'rated' shaft or stairway construction with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090. The minimum rating must be:	9	6

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Interior	Fire Rated Assemblies	Fire Rated Floor/Ceiling MSFC 703 (as amended)	MSFC 703 - Provide and maintain fire rated floor and/or ceiling construction with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090. The minimum rating must be:	6	6
Interior	Fire Rated Assemblies	Fire Rated Walls MSFC 703 (as amended)	MSFC 703 - Provide and maintain fire rated wall construction with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090. The minimum rating must be:	6	6
Interior	Fire Rated Assemblies	Fire Doors MSFC 703 (as amended)	MSFC 703 - Provide, repair or replace the fire rated door and assembly. The minimum rating must be:	6	6
Interior	Fire Resistive Construction (CEP - RES), (HA - 1)	Maintain Fire Resistive Construction MSFC 703	MSFC 703 - Repair and maintain the required fire resistive construction with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090.	6	6
Interior	Hot Work	Provide Shielding MSFC 2604.1.1	MSFC 2604.1.1 - Provide approved shielding from combustibles to prevent sparks, slag or heat from igniting exposed combustibles.		0
Interior	Hot Work	Fire Watch - Hot Work MSFC 2604.2.1	MSFC 2604.2.1 - Provide an approved fire watch during and for at least 30 minutes after the conclusion of all hot work activities		0
Interior	Hot Work	Provide Fire Extinguisher MSFC 2604.2.6	MSFC 2604.2.6 Provide a minimum 2A20BC fire extinguisher or charged water hose with nozzle within 30 feet of all hot work areas.		0
Interior	Idle Pallets	Idle Pallets - Height MSFC 2302.1	MSFC 2302.1 - Immediately reduce the height of idle pallets to not more than 6 feet or provide approved high-piled storage protection.		0
Interior	Idle Pallets	Idle Pallets - Arrangement NFPA 13 (2002) 12.1.9.1.2	NFPA 13 (2002) 12.1.9.1.2 - Immediately arrange the pallets into piles of 4 stacks, not more than 6 feet tall, and the piles must be separated by 8 feet of clear space or 25 feet of commodities.		0
Interior	Insect/Rodents	Exterminate Insects & Rodents SPLC 34.10 (6), 34.33(5)	SPLC 34.10 (6), 34.33 (5) - Exterminate and control insects, rodents or other pests. Provide documentation of extermination.	4	6
Interior	Interior Finish	Flame spread MSFC 806.2	MSFC 806.2 - Wall and/or ceiling finishes exceed the code requirements for flame spread ratings. Remove or provide documentation of flame spread compliance.	6	8
Interior	License (CEP)	Expired License SLPC 310.02	SLPC 310.02 - The posted license is expired. Contact DSI/Licensing at (651) 266-9090 to renew the license.	6	0
Interior	License (CEP)	Unlicensed operation SPLC 310.02	SPLC 310.02 - Use of this property does not conform to licensing ordinance. Discontinue unlicensed use or call DSI/Licensing at (651) 266-9090 to obtain a license. Discontinue:	6	10
Interior	License (CEP)	Post License SPLC 310.02	SPLC 310.02 - Post the DSI/Licensing issued license in an approved location.	2	0
Interior	Miscellaneous Equipment	Light Fixture Globes MSFC 605.1	MSFC 605.1- All light fixtures shall be maintained with protective globes if originally equipped.	0	2

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Interior	Miscellaneous Equipment	Misc. Equip.Repair and Maintain SPLC 34.12 (2), 34.36 (1)	SPLC 34.12 (2), SPLC 34.36 (1) - Repair and maintain all required and supplied equipment in an operative and safe condition to properly and safely perform their intended function in accordance with the provisions of the applicable code.	5	4
Interior	No Smoking	Smoking Not Permitted MSFC 310.3	MSFC 310.3 - Smoking is not permitted. Post approved 'No Smoking' signs in conspicuous locations throughout the area.	2	2
Interior	Occupancy Separation	Maintain Occ. Separation MSFC 703.1	MSFC 703.1 - Repair and maintain the required fire resistive construction with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090.	6	6
Interior	Occupancy Separation	Provide Occ. Separation MSFC 705.1	MSFC 705.1 - Provide a required occupancy separation with approved materials and methods. This work may require a permit(s). Call DSI at (651) 266-9090. The minimum rating must be:	6	6
Interior	Open Flame Devices	Open Flames Prohibited MSFC 308	MSFC 308 - Immediately, discontinue the use of all unapproved open flames.		6
Interior	Post information	Post Certificate of Occupancy SPLC 33.05	SPLC 33.05 - Post the provided Certificate of Occupancy in an approved location.	2	0
Interior	Post information	Post Owner Information Res. Only SPLC 35.01	SPLC 35.01 Post the current owner information including: name, address, phone number in an approved location.	2	0
Interior	Provide Documents	Dog License	SPLC 200.02 (a) No person shall own, harbor, keep or maintain in the City and dog over three months of age without a license. Provide written documentation of current license to the Fire Inspector. To obtain a dog license, contact DSI at 651-266-8989		0
Interior	Provide Documents	Failure to pay Inspection Fee	SPLC 33.02 - SPLC 33.02 The inspection fee for the above-captioned building may be revoked for failure to pay the required fee. Immediately make payment in the amount of : $____ to the City of Saint Paul or further enforcement action will be necessary.		0
Interior	Provide Documents	Crime Free Multi Housing Class	SPLC 40.04 (5) On or after April 30, 2009, The owner of a building used for residential occupancy who is applying for their FIRST Fire Certificate of Occupancy, must complete the Minnesota Crime Free Multi Housing training program or other landlord train		0
Interior	Provide Documents	Foreclosure Notice Required	SPLC 53.01, SPLC 53.03 The owner of a rental residential property must notify tenants in writing, if the landlord receives notice of a contract for deed cancellation under MS 559.21, or a mortgage foreclosure notice under MS 580 or 582. This notice t	6001	0

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Interior	Provide Documents	Foreclosure Notice Required	SPLC 53.01, SPLC 53.03 The owner of a rental residential property must notify tenants in writing, if the landlord receives notice of a contract for deed cancellation under MS 559.21, or a mortgage foreclosure notice under MS 580 or 582. This notice t		0
Interior	Reporting	Report Emergencies MSFC 401.3	MSFC 401.3 Immediately report all fire, smoke, unauthorized discharge, release of flammable and/or combustible liquids, or hazardous materials to Fire Department. (9-1-1)	10	10
Interior	Rubbish/Linen Chutes	Rubbish Chute Sprink. Required >2 Stories MSFC 903.2.12.2	MSFC 903.2.12.2 - Provide and maintain an approved sprinkler system within the rubbish or linen chute.	9	6
Interior	Sanitation	Interior Unsanitary SPLC 34.10 (5), 34.33 (4), 34.16	SPLC 34.10 (5), 34.33 (4), 34.16 - Provide and maintain interior in a clean and sanitary condition.	8	6
Interior	Skyways	Lighting SPLC 140.10.1	SPLC 140.10.1 - Skyway bridges in buildings connected to the skyway pedestrian system shall maintain a minimum light level of ten (10) footcandles during all hours of operation.		0
Interior	Skyways	Temperature SPLC 140.10.2	SPLC 140.10.2 - All elements of the skyway pedestrian system shall be maintained at a seasonally adjusted comfortable temperature level of seventy (70) degrees Fahrenheit, plus or minus eight (8) degrees Fahrenheit.		0
Interior	Skyways	Sanitary SPLC 140.10.2	SPLC 140.10.2 - All elements of the skyway pedestrian system shall be maintained in a clean and sanitary manner.		0
Interior	Skyways	Maintenance	Under the terms of your skyway agreement you are required to 'provide the necessary repair, maintenance and operation of the skyway bridge and its integral parts at [your] sole expense, without cost to the City or HRA. Such maintenance shall include, but	1	2
Interior	Stairways	No Interior Guardrail SPLC 34.10 (3) 34.33(2)	SPLC 34.10 (3) 34.33(2) - Provide an approved guardrail. Intermediate ballustrade must not be more than 4 inches apart. Intermediate rails must be provided if the height of the platform is more than 30 inches.	5	4
Interior	Stairways	No Interior Handrail SPLC 34.10 (3), 34.33(2)	SPLC 34.10 (3), 34.33(2) - Provide an approved handrail. The top of the handrail must be between 34 and 38 inches above the treads and run the entire length of the stair.	5	4
Interior	Stairways	Repair Interior Guardrail SPLC 34.10 (3), 34.33(2)	SPLC 34.10 (3), 34.33(2) - Repair or replace the damaged guardrail in an approved manner.	5	2
Interior	Stairways	Repair Interior Handrail SPLC 34.10 (3), 34.33(2)	SPLC 34.10 (3), 34.33(2) - Repair or replace the damaged handrail in an approved manner.	5	2
Interior	Stairways	Unsafe Interior Stairway SPLC 34.10 (3), 34.33	SPLC 34.10 (3), 34.33(2) - Repair or replace the unsafe stairway in an approved manner.	7	6

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Interior	Storage Height	Commodities Over 12 Feet in Height MSFC 2302.1	MSFC 2302.1 - Reduce and maintain storage height to 12 feet or less or provide approved high-piled storage protection.		6
Interior	Structural Members	Not structurally sound SPLC 34.10 (2), 34.33	SPLC 34.10 (2), 34.33 - Repair and maintain the damaged structural member. This repair may require a building permit, call DSI at (651) 266-9090.	10	10
Interior	Unoccupied	Uncertified Areas Unoccupied SPLC 33.05	SPLC 33.05 - Uncertified portions of the building must not be occupied until inspected and approved by this office.	10	10
Interior	Walls/Floors/Ceilings	Repair Cabinets SPLC 34.10 (7), 34.33 (6)	SPLC 34.10 (7), 34.33 (6) - Repair and maintain the cabinets in an approved manner.	2	2
Interior	Walls/Floors/Ceilings	Repair Woodwork SPLC 34.10 (7), 34.33 (6)	SPLC 34.10 (7), 34.33 (6) - Repair or replace and maintain the woodwork in an approved manner.	2	2
Interior	Walls/Floors/Ceilings	Repair Ceilings SPLC 34.10 (7), 34.34 (6)	SPLC 34.10 (7), 34.34 (6) - Repair and maintain the ceiling in an approved manner.	4	4
Interior	Walls/Floors/Ceilings	Repair Interior Floors SPLC 34.10 (7), 34.34 (6)	SPLC 34.10 (7), 34.34 (6) - Repair and maintain the floor in an approved manner.	4	4
Interior	Walls/Floors/Ceilings	Repair Interior Walls SPLC 34.10 (7), 34.34 (6)	SPLC 34.10 (7), 34.34 (6) - Repair and maintain the walls in an approved manner. □	4	4
Mechanical	Heaters	Heaters/Combustibles Clearance MFGC 301.3	MFGC 301.3 - Maintain clearance of combustibles from the space heaters in accordance with the manufacture's recommendations.	6	8
Mechanical	Heaters	Unvented Heaters Prohibited MFGC 602.1	MFGC 602.1 - Immediately discontinue and remove the unvented heating appliance.	6	10
Mechanical	Heating Equipment	Use of Stove/Oven for Heating	MSFC 603.7 - Immediately cease using the stove or oven for heating.		10
Mechanical	Heating Equipment	Fireplace Inspection	NFPA 211,9-2 - Have the chimneys, fireplaces, and vents inspected for soundness, freedom from deposits, and correct clearances. Cleaning, maintenance, and repairs shall be done if indicated by the inspection.		6
Mechanical	Heating Equipment (RH-1)	Provide Combustion Air MFGC 304	MFGC 304 - Provide approved combustion make up air in compliance with the mechanical code. This work may require a permit(s). Call DSI at (651) 266-9090.	7	4
Mechanical	Heating Equipment (RH-1)	Proper Pipe Sizing MFGC 402	MFGC 402 - Provide proper sizing of the pipe to the fuel burning equipment in compliance with the mechanical code. This work may require a permit(s). Call DSI at (651) 266-8989.	1	4
Mechanical	Heating Equipment (RH-1)	Cap Unused Gas Lines MFGC 404.12	MFGC 404.12 - Provide leak tight caps or plugs on disconnected or unused gas lines.	10	10
Mechanical	Heating Equipment (RH-1)	Repair Gas/Fuel leaks MFGC 406.5.2	MFGC 406.5.2 - Immediately repair or replace the leaking fuel equipment piping. This work may require a permit(s). Call DSI at (651) 266-8989.	10	10

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Mechanical	Heating Equipment (RH-1)	Provide Gas Shut Off Valves MFGC 409.5	MFGC 409.5 - Provide an approved gas shut off valve within 6 feet of the appliance in accordance with the mechanical code. This work may require a permit(s). Call DSI at (651) 266-8989.	4	4
Mechanical	Heating Equipment (RH-1)	Provide Vent/Vent liner MFGC 503	MFGC 503 - Provide, repair or replace the fuel equipment vent or vent liner to develop a positive flow adequate to convey all products of combustion to the outside. This work may require a permit(s). Call DSI at (651) 266-8989.	7	6
Mechanical	Heating Equipment (RH-1)	Provide Piping and Appurtenances MFGC Chapter 4	MFGC Chapter 4 - Provide or replace fuel equipment piping in compliance with the mechanical code. This work may require a permit(s). Call DSI at (651) 266-8989.	1	6
Mechanical	Heating Equipment (RH-1)	Provide Relief Valves MMC 1006	MMC 1006 - Provide properly sized and piped relief valve. This work may require a permit(s). Call DSI at (651) 266-8989.	1	4
Mechanical	Heating Equipment (RH-1)	Unsafe Heating Equip.MN Rules 1300.0180	MN Rules 1300.0180 - Immediately discontinue use of unsafe heating appliance until repaired or replaced by a licensed contractor. This work may require a permit(s). Call DSI at (651) 266-9090. Red tags may not be removed except by fire department inspe	9	10
Mechanical	Heating Equipment (RH-1)	Provide Dryer Vent MSMC 504.6	MSMC 504.6 - Provide, repair or replace the dryer exhaust duct. Exhaust ducts for domestic clothes dryers shall be constructed of metal and shall have a smooth interior finish. The exhaust duct shall be a minimum nominal size of four inches (102 mm) in	3	6
Mechanical	Heating Equipment (RH-1)	Heating Equipment Maintenance SPLC 34.11 (6), 34.34	SPLC 34.11 (6), 34.34 (3) - Provide service of heating facility by a licensed contractor which must include a carbon monoxide test. Submit a completed copy of the Saint Paul Fire Marshal's Existing Fuel Burning Equipment Safety Test Report to this office	5	0
Mechanical	Hood & Duct	Cooking Hood Required MSFC 609.2	MSFC 609.2 - Provide an approved hood and duct ventilation system to remove the grease laden vapors. This work may require a permit(s). Call DSI at (651) 266-9090.	7	8
Mechanical	Hood & Duct	Cooking Hood Maintain MSFC 904.11.6.3	MSFC 904.11.6.3 - Contact a qualified hood and duct cleaning service company to clean and service grease duct vent for commercial cooking equipment. Provide documentation as proof of compliance. Maintain venting system in a clean and sanitary condition.	7	6
Mechanical	Hood & Duct Suppression	Hood - Fuel Shut Off MSFC 904.11.2	MSFC 904.11.2 -Provide an approved interlock to shut off all electric or gas fired appliances under the hood upon activation of the fire suppression system.	6	4
Mechanical	Hood & Duct Suppression	Hood Suppression Service MSFC 904.11.6.4	MSFC 904.11.6.4 - Provide required six month service of the hood and duct fire suppression system. Provide documentation from qualified contractor.	7	0
Mechanical	Hood & Duct Suppression	Hood Suppression Required MSFC 904.2.1	MSFC 904.2.1 - Contact a qualified contractor to provide an approved hood and duct ventilation fire suppression system. All work must be done under a permit. Call Fire Prevention at (651) 266-8989.	9	10

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Mechanical	Hood & Duct Suppression	Hood and Duct Suppression Required MSFC 904.2.1.	MSFC 904.2.1. - The existing hood and duct suppression system is not approved to protect the hazard. Replace the existing hood and duct fire suppression system with a UL 300 listed fire suppression system, or equivalent. All work must be done under a pe	7	8
Mechanical	Storage	Storage in Mechanical Room Prohibited MSFC 315.2.3	MSFC 315.2.3 - Remove combustible storage from the fuel burning equipment rooms.	6	6
Mechanical	Storage	Clearance Around Equipment UMC 1346.703	UMC 1346.703 - Provide 30 inches clearance around all mechanical equipment.	0	2
Mechanical	Ventilation	SPLC 34.14 (3) Clean fan/duct	SPLC 34.14 (3) - Clean and maintain fan and any associated duct.		0
Mechanical	Ventilation	Provide Fan/Window SPLC 34.14 (3), MPC 4715.200.T	SPLC 34.14 (3), MPC 4715.200.T - Provide and maintain a window or approved ventilation system in all bathrooms.	3	4
Mechanical Trade	Air Conditioner and Refrigeration	Installation and Support of Condensers UMC 1504	UMC 1504 - Provide proper support for the condenser that is secured to a level base.		0
Mechanical Trade	Air Conditioner and Refrigeration	Pressure Relief Devices - Refrig. Vessels UMC 1516	UMC 1516 - Provide a pressure relief device for your refrigerant vessel.		0
Mechanical Trade	Air Conditioner and Refrigeration	Condensate Waste Line Construction UMC 510	UMC 510 - Construct the condensate waste line of materials and properly sized pipe in compliance with the mechanical code. The size of the pipe must not be less than 1/8 inch per foot and must not drain over a public way.		0
Mechanical Trade	Ducts	Duct Work UMC 1002	UMC 1002 - Repair, replace or install duct work in compliance with the mechanical code. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Ducts	Duct Support UMC 1004	UMC 1004 - Install proper supports for ducts in compliance with the mechanical code.		0
Mechanical Trade	Ducts	Duct Insulation and Sealant UMC 1005	UMC 1005 - Repair, maintain or install proper insulation and duct sealant in compliance with the mechanical code. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Ducts	Environmental Air Ducts Terminate Outside UMC 1104	UMC 1104 - Provide exhaust ducts to terminate outside of the building and be equipped with back draft dampers.		0
Mechanical Trade	Existing Mechanical Systems	Mechanical Safety Device Maintenance UMC 104 (d)	UMC 104 (d) - Repair all safety devices on mechanical system, to a safe working order in accordance with the original design and in compliance with the mechanical code. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Existing Mechanical Systems	Mechanical Maintenance and Changes UMC 104	UMC 104 - Correct and maintain any changes made to the original system in compliance with the mechanical code to prevent unsafe, unhealthy or overloaded conditions. This work my require a permit(s). Call DSI at (651) 266-9090.		0

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Mechanical Trade	Existing Mechanical Systems	Change In Occupancy Mechanical Update Req. UMC 104(c)	UMC 104(c) - Occupancy use has changed, update mechanical system to comply with current mechanical code. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Gas Piping	Gas Piping Supports UMC 2213 (f)	UMC 2213 (f) - Install proper hangers and support for the gas piping in compliance with the mechanical code.		0
Mechanical Trade	Gas Piping	Gas Piping Concealed UMC 2213	UMC 2213 - Provide welded or brazed connections for all concealed gas pipes. No valves, threads, unions or other connectors are permitted. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Makeup Air Required UMC 2003 (i)	UMC 2003 (i) - Provide and maintain makeup air to replenish air exhausted by ventilation system. Intake must be located to prevent re-circulation of contaminated air within the building. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Mechanical Systems Workmanship UMC 2103	UMC 2103 - All equipment, appurtenances, devices, and piping must be installed in a workmanlike manner.		0
Mechanical Trade	Heating Equipment	Hot Water Expansion Tank UMC 2107	UMC 2107 - Repair, replace or install hot water expansion tank. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Water Heating System Low Water Cut Off - UMC 2111	UMC 2111 - Install, repair, or replace low water cut off for water heating system. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Water Heating Pipes UMC 2127	UMC 2127 - Install, replace or repair hot water pipes with brass, copper black wrought iron or steel. Copper must be type K, L or M. All pipes must have proper supports. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Approved Gas Fittings UMC 2212	UMC 2212 - Repair, replace or install gas fittings with malleable iron or steel. Copper tubing must be flared or brazed with material exceeding 100 degrees fahrenheit. No compression fittings are to be used. This work my require a permit(s). Call DSI		0
Mechanical Trade	Heating Equipment	Gas Drip Tees UMC 2213	UMC 2213 - Install drip tee in gas line in compliance with the mechanical code. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Listed Gas Appliance Fuel Connectors UMC 2214	UMC 2214 - Install, repair, or replace listed gas appliance fuel connector maximum 3 feet in length. (Kitchen range and clothes dryer maximum 6 foot length.) This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Return Air From Haz Loc. Prohibited Sources UMC 706 (f)	UMC 706 (f) - Install outside or return air for heating system so that air is not drawn from hazardous locations. This work my require a permit(s). Call DSI at (651) 266-9090.		0
Mechanical Trade	Heating Equipment	Heating Equipt. Air Intake Screens UMC 706 (g)	UMC 706 (g) - Provide and maintain screen covers having 1/4 inch mesh over all outside air inlets.		0

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Mechanical Trade	Heating Equipment	Heating Equipt. Outside Access UMC 710 (h)	UMC 710 (h) - Provide outside access to heating burners and controls.		0
Mechanical Trade	Hydronic Heating Systems	Testing For Hydronic Htg. Leaks UMC 2306	UMC 2306 - Test hydronic heating system to 100 p.s.i. or one and one half times the operating pressure.		0
Mechanical Trade	Steam Piping	Steam Piping Hangers and Supports UMC 2127	UMC 2127 - Provide all piping and equipment to be adequately supported, anchored and have swing joints and expansion loops to prevent strain on pipe and equipment.		0
Mechanical Trade	Steam System	Steam System Welded Connections UMC 2104 (e)	UMC 2104 (e) - All repairs to welded piping and vessels must be done by an approved welder and in compliance with nationally recognized standards. This work may require a permit(s). Call DSI at (651) 266-9090.		0
Nuisance Activity	Fire Requirement	617.80 Nuisance Letter 1		6001	0
Nuisance Activity	Fire Requirement	617.80 Nuisance Letter 2		6001	0
Nuisance Activity	Fire Requirement	617.80 Notice to Revoke CO		6001	0
Plumbing	Drains	Drain line Backup SPLC 4715.0200.F.M.	SPLC 4715.0200.F.M. - Repair the clogged drain line.	5	6
Plumbing	Minimum Facilities	Repair Plumbing Fixture SPLC 34.11, 34.17, 34.35, MSBC 2902.1, MSPC 4715.0200	SPLC 34.11, MSBC 2902.1, SPLC 34.17, MSPC 415.0220 - Repair or replace and maintain all parts of the plumbing system to an operational condition.	4	4
Plumbing	Minimum Facilities	Inadequate Plumbing Fixtures SPLC 34.11, SPLC 34.17, SBC 2902.1, MPC 4715.0200.C	SPLC 34.11, SBC 2902.1, SPLC 34.17, MPC 4715.0200.C - Provide an approved number and type of plumbing fixtures.	10	8
Plumbing	Sewer	Sewer Connection SPLC 34.11 (4), 34.34 (1) MPC 4515, MPC 326	SPLC 34.11 (4), 34.34 (1), MPC 4515, MPC 326 - Connect or cap the sewer piping in accordance with the plumbing code.	3	2
Plumbing	Sewer	Sewer Vents SPLC 34.11 (4), 34.34 (1), MPC 4715.022.E	SPLC 34.11 (4), 34.34 (1), MPC 4715.022.E - Repair and maintain sewer vent.	3	6
Plumbing	Sewer	Waste Traps SPLC 34.11 (4), 34.34 (1), MPC 4715.0900, MPC 4715.0220S	SPLC 34.11 (4), 34.34 (1), MPC 4715.0900 MPC 4715.0220S - Provide and maintain an approved waste trap.	3	4
Plumbing	Supply	No water SPLC 34.11(4), 34.34(1) SPC 4715.0200A	SPLC 34.11(4), 34.34(1) SPC 4715.0200A - Provide an adequate water supply to all water closets, sinks, showers and tubs.	10	10
Plumbing	Supply	No Backflow Device SPC 4715.2000, 2110	SPC 4715.2000, 2110 - Provide an approved backflow preventer. This work may require a permit, call Regional Water Services at (651) 266-8989.	5	6

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Plumbing	Supply	Incorrect Backflow Device SPC 4715.2110	SPC 4715.2110 - Replace the inadequate backflow preventer. This work may require a permit. Call Regional Water Services at (651) 266-8989.	4	6
Plumbing	Supply	Hot Water Supply SPLC 34.11(5), 34.34(2), SPC 4715.0200Q	SPLC 34.11(5), 34.34(2), SPC 4715.0200Q - Provide adequate hot water between 120 degrees F and 130 degrees F.	7	10
Plumbing	Water Heater	Cap Unused Gas Lines MFGC 404.1.2	MFGC 404.1.2 - Provide leak tight caps or plugs on disconnected or unused gas lines.	10	10
Plumbing	Water Heater	Water Heater - Gas/Fuel leaks MFGC 406.5.2	MFGC 406.5.2 - Immediately repair or replace the leaking fuel equipment piping. This work may require a permit(s). Call DSI at (651) 266-9090.	10	10
Plumbing	Water Heater	Water Heater Vent/Vent liner MFGC 501.2	MFGC 501.2 - Provide, repair or replace the fuel equipment vent or vent liner to develop a positive flow adequate to convey all products of combustion to the outside. This work may require a permit(s). Call DSI at (651) 266-9090.	6	6
Plumbing	Water Heater	Provide Piping and Appurtenances MFGC Chapter 4	MFGC Chapter 4 - Provide or replace fuel equipment piping in compliance with the mechanical code. This work may require a permit(s). Call DSI at (651) 266-9090.	1	6
Plumbing	Water Heater	Proper Pipe Sizing MUMC 2219	MUMC 2219 - Provide proper sizing of the pipe to the fuel burning equipment in compliance with the mechanical code. This work may require a permit(s). Call DSI at (651) 266-9090.	1	2
Plumbing	Water Heater	Water Heater Maintenance SPLC 34.11 (5), 34.34 (2)	SPLC 34.11 (5), 34.34 (2) - Contact a licensed contractor to repair or replace the water heater. This work may require a permit(s). Call DSI at (651) 266-9090.	6	6
Plumbing Trade	Gas Appliances	Flexible Gas Connectors MFGC 411.1.2	MFGC 411.1.2 - Provide an approved accessible gas flexible connector to all gas appliances.	0	2
Plumbing Trade	Medical Gas	Medical Gas Piping SPLC 34.19	SPLC 34.19 - All installation of medical gas piping must be done under permit. Call DSI at (651) 266-9090.		0
Plumbing Trade	Medical Gas	Medical Gas Piping Inspection SPLC 34.19	SPLC 34.19 - Provide an annual inspection for medical gas piping by approved medical gas inspector.		0
Plumbing Trade	Sewers	Approved Plumbing Fixtures SPC 4715.0200 (d)	SPC 4715.0200 (D) - Provide plumbing fixtures made of a smooth durable, non-absorbent, corrosion resistive material and must be free of porous surfaces.		0
Plumbing Trade	Sewers	Sewer Leak Test SPC 4715.0200(c)	SPC 4715.0200(c) - Have plumbing waste and vent system tested to discover all leaks and defects in work and materials.		0
Plumbing Trade	Sewers	Plumbing Fixture Installation & Access SPC 4715.1220	SPC 4715.1220 - Install plumbing fixtures with adequate space for use and cleaning.		0
Plumbing Trade	Sewers	Floor Drains SPC 4715.1300	SPC 4715.1300 - Provide a removable strainer and a clean out plug or cap for the floor drain.		0

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Plumbing Trade	Supply	Approved Plumbing Materials SPC 4715.0400	SPC 4715.0400 - Provide approved plumbing materials for water, waste, and vent.		0
Plumbing Trade	Supply	Plumbing Pipe Support SPC 4715.1430, & 1440	SPC 4715.1430, & 1440 - Provide approved support for all plumbing piping.	0	2
Plumbing Trade	Supply	Water Closet Stop Valve SPC 4715.1800 (g)	SPC 4715.1800 (g) - Provide stop to water closet water supply.		0
Plumbing Trade	Supply	No Back Flow Device SPC 4715.2000	SPC 4715.2000 - Provide an approved anti-siphon tub filler to bath tub.	0	2
Plumbing Trade	Supply	Backflow Prevention Device SPC 4715.2110	SPC 4715.2110 - Provide an approved backflow prevention device on all potable water faucets and valves with threaded hose connections.		0
Plumbing Trade	Supply	Water Closet Anti-Siphon SPC 4715.2150	SPC 4715.2150 - Provide anti-siphon bellcock to water closet tank.		0
Plumbing Trade	Water Heater	Pressure Relief Valve Piping SPC 4715.1800.9, 2210	SPC 4715.1800.9, 2210 - Provide pressure relief valve for hot water heater piped to within 18 inches of the floor.	0	2
Plumbing Trade	Water Heater	Full Way Valve SPC 4715.1809	SPC 4715.1809 - Provide a full way valve, for hot water equipment, located near the equipment.		0
Public Parking Structures	Lighting	Park Struct.Emerg. Light. Req 2 or more exits MSFC 1003.2.11.2	MSFC 1003.2.11.2 - Provide and maintain an approved emergency lighting system.	7	8
Public Parking Structures	Lighting	Provide Lighting In Parking Structure Stairways SPLC 417.07	SPLC 417.07 - Provide and maintain a minimum lighting of 10 foot-candles in the stairways.	8	8
Public Parking Structures	Lighting	Provide Lighting In Parking Corridors SPLC 417.07	SPLC 417.07 - Provide and maintain a minimum lighting of 5 foot-candles in the corridors.	8	8
Public Parking Structures	Lighting	Provide Parking Illumination SPLC 417.07	SPLC 417.07 - Provide and maintain an average lighting of 5 foot-candles throughout the parking structure. The pedestrian and drive areas must have a minimum lighting of 1.5 foot-candles.	8	8
Public Parking Structures	Painting	Parking Structure Paint Color SPLC 417.07	SPLC 417.07 - Provide and maintain light colored painted interior walls.	4	4
Public Parking Structures	Security	Parking Structure Escort Signage SPLC 417.07	SPLC 417.07 - Post approved, rectangular, durable signs at all entrances indicating how to obtain the escort service and the hours of operation.	2	2
Public Parking Structures	Security	Parking Structure Type Of Service Signs SPLC 417.07	SPLC 417.07 - Post approved, rectangular, durable signs at all entrances indicating the type of security provided on the premises.	2	2
Public Parking Structures	Security	Parking Structure Security Alarms SPLC 417.07	SPLC 417.07 - Provide and maintain a phone or push button alarm that is clearly marked, strategically located and handicap accessible.	8	6
Public Parking Structures	Security	Parking Structure Security Escorts SPLC 417.07	SPLC 417.07 - Provide and maintain a security escort that is readily identifiable as an employee of the parking lot and signs clearly posted indicating the times escort is available.	8	4

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Public Parking Structures	Security	Parking Structure Security SPLC 417.07	SPLC 417.07 - Provide and maintain an approved escort service or an approved panic button or phone on each floor in approved locations.	8	2
Residential	Evacuation	Evacuation Planning MSFC 408.9, MFSC 408.10, SPLC 39.02	MSFC 408.9, MSFC 408.10, SPLC 39.02 - Provide an approved fire and emergency evacuation plan to all dwelling units.	1	2
Residential	Exterior	Garage Woodstoves - NFPA 211 8-2.4	NFPA 211 8-2.4 - Immediately discontinue use and remove the wood burning stove from the residential garage.	6	10
Residential	Exterior	Public Sidewalks SPLC 34.08 (10)	SPLC 34.08 (10) - Call Public Works at (651) 266-6120 to report the damaged or deteriorated sidewalks, walkways or stairs.	1	0
Residential	Exterior	Private Sidewalks SPLC 34.08 (10)	SPLC 34.08 (10) - Repair, replace and maintain exterior sidewalks, walkways and stairs.	3	6
Residential	Exterior	Res. Grading and Drainage SPLC 34.08 (2)	SPLC 34.08 (2) - Provide and maintain the property grade to slope away from the building to minimize the accumulation of water near the building. This work may require a permit(s). Call DSI at (651) 266-9090.	3	8
Residential	Exterior	Ground Cover SPLC 34.08 (3)	SPLC 34.08 (3) - Provide and maintain suitable ground cover on all exterior areas to control erosion.	3	2
Residential	Exterior	Res. Parking Lighting SPLC 34.08 (9)	SPLC 34.08 (9) - Provide and maintain an average of 1 foot candle at the pavement of garages and parking areas. This work may require a permit(s). Call DSI at (651) 266-9090.	5	2
Residential	Exterior	Res. Entry Security Lighting SPLC 34.14 (2) f	SPLC 34.14 (2) f - Provide and maintain an minimum of 1 foot candle at the grade level of exterior exits and entryways for security. This work may require a permit(s). Call DSI at (651) 266-9090.	7	6
Residential	Room Location	Residential Basement Dampness SPLC 34.10 (1)	SPLC 34.10 (1) - Abate and maintain the basement reasonably free from dampness and free of mold and mildew.	3	6
Residential	Room Location	Tenant Garbage SPLC 34.16 (2)	SPLC 34.16 (2) - Properly dispose all of your garbage in the owner-provided containers.	1	6
Residential	Room Location	Res. Interior Allow Access SPLC 34.19	SPLC 34.19 - Provide access to the inspector to all areas of the building.	2	10
Residential	Units	Unit Smoke Detector Required MN Stat. 299F.362	MN Stat. 299F.362 - Immediately provide and maintain a smoke detector located outside each sleeping area.	10	10
Residential	Units	Required Residential CO Detector 299F.50	MN State Statute 299F.50 Immediately provide and maintain an approved Carbon Monoxide Alarm in a location within ten (10) feet of each sleeping area. Installation shall be in accordance with manufacturers instructions.	0	10
Residential	Units	Unit llegal Locks MSFC 1003.3.1.8	MSFC 1003.3.1.8 - Remove unapproved locks from the unit doors. The door must be openable from the inside without the use of keys or special knowledge or effort.	4	6

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Residential	Units	Provide Sleeping Room Egress Window MSFC1026.1	MSFC 1026.1 - Provide and maintain an approved escape window from each sleeping room or area, or discontinue use of area as a sleeping room. This work may require permit(s). Call DSI at (651) 266-8989.	9	10
Residential	Units	Unit Number Of Locks MSFC 1003.3.1.8	MSFC MSFC 1003.3.1.8 - The maximum number of locks on unit doors is two. Remove all locks in excess of two.	4	4
Residential	Units	Residential Occupancy Affidavit	Provide the inspector with a completed and signed Residential Occupancy Affidavit.	0	0
Residential	Units	Patio Doors SPLC 34.09 (3) i	SPLC 34.09 (3) i - Provide an approved secondary means of locking the patio door and a device to prevent the door from being lifted from the track.	2	4
Residential	Units	Dead Bolt Required SPLC 34.09 (3) i	SPLC 34.09 (3) i - Provide and maintain an approved one-inch throw single cylinder deadbolt lock.	5	6
Residential	Units	Unit Dead Bolt Repair SPLC 34.09 (3) i	SPLC 34.09 (3) i - Repair and maintain an approved one-inch throw single cylinder deadbolt lock.	5	6
Residential	Units	Unit Minimum Temperature SPLC 34.11 (6)	SPLC 34.11 (6) - Provide and maintain a minimum of 68 degrees F in all habitable rooms at all times.	7	8
Residential	Units	Unit Minimum Ceiling Height SPLC 34.13 (1)	SPLC 34.13 (1) - Provide and maintain all habitable areas with a ceiling height of 7 feet over 1/2 the floor area.	2	6
Residential	Units	Overcrowding Unit SPLC 34.13 (2), (3), SPLC 34.17 (2)	SPLC 34.13 (2), (3), SPLC 34.17 (2) - Reduce and maintain the number of occupants in the unit to:	7	8
Residential	Units	Overcrowding Sleeping Unit SPLC 34.13, (3), SPLC 34.17 (2)	SPLC 34.13 (3), SPLC 34.17 (2) - Reduce and maintain the number of occupants in the sleeping rooms to:	7	8
Residential	Units	Egress Window Sill Hght. Sleeping Room SPLC 34.13 (4)	SPLC 34.13 (4) - Provide and maintain a minimum egress window sill height of 48 inches. Refer to provide handout EW-1 for more information.	5	8
Residential	Units	Window Egress Wells SPLC 34.13 (4)	SPLC 34.13 (4) - Provide and maintain the egress window well in accordance with the provided EW-1 attachment.	5	10
Residential	Units	Unit Inadequate # Of Outlets SPLC 34.14 (2) (b)	SPLC 34.14 (2) (b) - Provide an additional outlet.	6	4
Residential	Units	Kitchen Req. Number Of Outlets SPLC 34.14 (2)(c)	SPLC 34.14 (2)(c) - Provide a minimum of 3 outlets. At least one outlet must be on a 20 amp circuit.	6	4
Residential	Units	Unit Light/Ventilation SPLC 34.14	SPLC 34.14 - Provide and maintain light and ventilation in all habitable rooms in accordance with the Saint Paul Legislative Code.	3	6
Residential	Units	Required Smoke Detector Affidavit SPLC 39.02(c)	SPLC 39.02(c) - Complete and sign the smoke detector affidavit and return it to this office.	0	0
Residential	Units	Required Smoke Detector Affidavit SPLC 39.02(c)	SPLC 39.02(c) - Complete and sign the smoke detector affidavit and return it to this office.	9	0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Schools	Child Art Work	Child Art Work Over 20% Of Corridor Wall MSFC 803.3.2	MSFC 803.3.2 - Remove child prepared art work and teaching materials which exceed 20% of the wall area of corridors.		0
Schools	Clothing in Corridors	Clothing In School Corridors MSFC 803.3.1	MSFC 803.3.1 - Remove clothing and personal effects from the corridor or provide a corridor sprinkler system or non-combustible lockers		0
Schools	Corridor Security Gates (GB-1)	School Security Gates Create Dead-End MSFC 1010.17.2	MSFC 1010.17.2 - Relocate the corridor security gates to eliminate dead-ends over 20 feet.		0
Schools	Corridor Security Gates (GB-1)	School Security Gates Obstruct. Req. Exits MSFC 1011.2	MSFC 1011.2 - Relocate the corridor security gates to eliminate areas without required exiting.		0
Schools	Evacuation	School Fire Drills MN Stat 299F.30	MN Stat 299F.30 - Conduct 5 fire drills per year. Maintain documents showing the date and time required to evacuate the building.		0
Schools	Evacuation	School Evacuation Planning MSFC 404.2	MSFC 404.2 - Provide an approved fire and emergency evacuation plan.		0
Schools	Location	Children/Non Permitted Location SFMP	SFMP - Immediately, relocate children in grades K, 1 and 2 to an approved floor level.		0
Schools	Time Out Rooms	School Timeout Rooms Unapproved Locks MSFC 1003.3.1.8.6 amnd	MSFC 1003.3.1.8.6 as amended - Discontinue the unapproved locking of timeout rooms.		0
Sprinkler Trade	Acceptance Testing	Tamper/flow switches	MSFC 903.4 - Repair or replace the non-functioning flow or tamper switches.		0
Sprinkler Trade	Acceptance Testing	Underground	NFPA 13 (2002) 10.10 - Provide the Underground Test Certificate.		0
Sprinkler Trade	Acceptance Testing	Air test	NFPA 13 (2002) 16.2.2.1 - Conduct a 24 air test witnessed by our office.		0
Sprinkler Trade	Acceptance Testing	Hydrostatic testing	NFPA 13 (2002)16.2.1 - Conduct hydrostatic test in accordance with this section witnessed by our office. This test shall include the section of pipe between the fire department connection and the check valve while leaving the valve in it's proper orienta		0
Sprinkler Trade	Drains	Location of discharge	NFPA 13 (2002) 8.15.2.4.4 - Pipe all drains and/or inspectors test connections to the outside or a location capable of handling the full flow under system pressure.		0
Sprinkler Trade	Drains	Trapped sections > 50 gal.	NFPA 13 (2002) 8.15.2.5.2.1 - Provide a 1 inch valve piped to an acceptable location for draining the trapped sections with over 50 gal. capacity.		0
Sprinkler Trade	Drains	Trapped sections >5 gal. and <50 gal.	NFPA 13 (2002) 8.15.2.5.2.2 - Provide a 3/4 inch valve for draining the trapped sections with over 5 gal and less than 50 gal. capacity.		0
Sprinkler Trade	Dry Systems	Pendants	NFPA 13 (2002) 7.2.2 - Pendant sprinkler heads shall be installed on return bends only where the head and piping are in a heated space.		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Sprinkler Trade	Dry Systems	Time over 750 gallons	NFPA 13 (2002) 7.2.3.2 - Systems over 750 gallons must deliver water to the inspectors test connection within 60 seconds.		0
Sprinkler Trade	Dry Systems	Size between 500 and 750	NFPA 13 (2002) 7.2.4.1 - Systems over 500 gallons must deliver water to the inspectors test connection within 60 seconds or be equipped with a quick opening device.		0
Sprinkler Trade	Dry Systems	Sloping of pipe - branch lines	NFPA 13 (2002) 8.15.2.3.1 - Branch line piping shall be maintained with a slope of at least 1/2 inch per 10 feet		0
Sprinkler Trade	Dry Systems	Sloping of pipe- mains	NFPA 13 (2002) 8.15.2.3.1 - Main piping shall be maintained with a slope of at least 1/4 inch per 10 feet		0
Sprinkler Trade	Dry Systems	Trapped section <5 gal. dry system	NFPA 13 (2002) 8.15.2.5.3.1 - Provide a 1/2 inch valve for draining the trapped sections with less than 5 gal. capacity.		0
Sprinkler Trade	Dry Systems	Trapped sections >5 gal. dry system	NFPA 13 (2002) 8.15.2.5.3.3 - Provide a drum drip piped to an acceptable location for draining the trapped sections with over 5 gal. capacity.		0
Sprinkler Trade	Extended Coverage Sidewalls	Obstructed construction	NFPA 13 (2002) 8.4.2 - Sidewall heads are not permitted under obstructed construction.		0
Sprinkler Trade	Extended Coverage Sidewalls	Too far apart	NFPA 13 (2002) 8.7.3.1.2 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance between each other.		0
Sprinkler Trade	Extended Coverage Sidewalls	Maximum throw	NFPA 13 (2002) 8.9.3.1.2 - Add or relocate sprinklers exceeding the maximum throw in table 8.7.2.2.1.		0
Sprinkler Trade	Extended Coverage Sidewalls	Inside protection area of others	NFPA 13 (2002) 8.9.3.1.4 - Relocate sprinklers so that they are not inside the protection area of other sprinklers.		0
Sprinkler Trade	Extended Coverage Sidewalls	Too far from wall	NFPA 13 (2002) 8.9.3.2 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance to the adjacent wall.		0
Sprinkler Trade	Extended Coverage Sidewalls	Too close to wall	NFPA 13 (2002) 8.9.3.3.1 - Relocate sprinklers so that they are at least 4 inches from the wall.		0
Sprinkler Trade	Extended Coverage Sidewalls	Too close	NFPA 13 (2002) 8.9.3.4 - Relocate the sprinklers so that they are not in the maximum protection area of another sprinkler.		0
Sprinkler Trade	Extended Coverage Sidewalls	Distance to ceiling	NFPA 13 (2002) 8.9.4.1.1.1 - Relocate the sprinkler heads so that the deflector is between 4 and 6 inches from the ceiling.		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Sprinkler Trade	Extended Coverage Sidewalls	Lintels and soffits - 2 inches	NFPA 13 (2002) 8.9.4.1.3.1 - Relocate the sprinkler head so that there is at least 2 inches of wall behind and below the sprinkler.		0
Sprinkler Trade	Extended Coverage Sidewalls	Lintels and soffits - 8 inches behind	NFPA 13 (2002) 8.9.4.1.3.2 - Provide sprinkler coverage where the distance behind the sidewall head is greater than 8 inches.		0
Sprinkler Trade	Extended Coverage Sidewalls	Obstruction within 8'	NFPA 13 (2002) 8.9.5.1.2 - Add or relocate sprinkler with obstructions within 8' of the sidewall head.		0
Sprinkler Trade	Extended Coverage Sidewalls	Obstruction - beam along throw -perpendicular	NFPA 13 (2002) 8.9.5.1.3 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.9.5.1.3.		0
Sprinkler Trade	Extended Coverage Sidewalls	Obstructions - within 36 inches	NFPA 13 (2002) 8.9.5.2.1.3 - Relocate sprinkler heads that are closer than 4 times the maximum dimension of continuous or non continuous obstructions.		0
Sprinkler Trade	Extended Coverage Sidewalls	Obstructions - floor mounted	NFPA 13 (2002) 8.9.5.2.2 - Relocate or provide additional sprinklers to cover the obstructed area cause by the floor mounted or suspended obstruction.		0
Sprinkler Trade	Extended Coverage Sidewalls	Obstructions - 4'	NFPA 13 (2002) 8.9.5.3.2 - Provide sprinklers under fixed obstructions over 4 feet wide.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Too far apart	NFPA 13 (2002) 8.8.3.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance between each other.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Too far from wall	NFPA 13 (2002) 8.8.3.2.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance from the wall.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Too close to wall	NFPA 13 (2002) 8.8.3.3 - Relocate sprinklers so that they are at least 4 inches from the wall.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Too close	NFPA 13 (2002) 8.8.3.4.1 - Relocate the sprinklers so that they are at least 8' apart.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Distance to ceiling - unobstructed	NFPA 13 (2002) 8.8.4.1.1.1 - Relocate the sprinkler heads so that the deflector is between 1 and 12 inches from the ceiling.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Distance to ceiling - obstructed	NFPA 13 (2002) 8.8.4.1.2 (1) - Relocate the sprinkler heads so that the deflector is between 1 and 6 inches from bottom of the obstructed construction.		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Sprinkler Trade	Extended Coverage Upright And Pendants	Obstruction - along wall	NFPA 13 (2002) 8.8.5.1.2 - Add or relocate sprinklers so the distance from obstruction against the wall to the sprinkler is in compliance with figure 8.8.5.1.2 (b)		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Obstruction - beam	NFPA 13 (2002) 8.8.5.1.2 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.8.5.1.2.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Obstructions - within 36 inches	NFPA 13 (2002) 8.8.5.2.1.3 - Relocate sprinkler heads that are closer than 4 times the maximum dimension of continuous or non continuous obstructions.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Obstructions - floor mounted	NFPA 13 (2002) 8.8.5.2.2 - Relocate or provide additional sprinklers to cover the obstructed area cause by the floor mounted or suspended obstruction.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Obstructions - 4'	NFPA 13 (2002) 8.8.5.3.2 - Provide sprinklers under fixed obstructions over 4 feet wide.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Distance to storage	NFPA 13 (2002) 8.8.6.1 - Maintain a distance of at least 18 inches between the top of storage and the sprinkler deflector.		0
Sprinkler Trade	Extended Coverage Upright And Pendants	Ceiling Pockets	NFPA 13 (2002) 8.8.7.1 - Add sprinklers in the ceiling pocket.		0
Sprinkler Trade	Fire Department Connections	Location	MSFC 912.2 - Relocate the fire department connection to the address side of the building in an acceptable location.		0
Sprinkler Trade	Fire Department Connections	Obstruction	MSFC 912.3 - Remove the obstructions to the fire department connection.		0
Sprinkler Trade	Fire Department Connections	Signs	MSFC 912.4 - Provide a sign above the fire department connection specifying it's service.		0
Sprinkler Trade	General Requirements	Missing coverage	NFPA 13 (2002) 4.1 - Provide sprinkler coverage in the missing room or area.		0
Sprinkler Trade	General Requirements	Corrosion resistant	NFPA 13 (2002) 6.2.6.1.1 - Provide corrosion resistant heads.		0
Sprinkler Trade	General Requirements	Painted/damaged Heads	NFPA 13 (2002) 6.2.6.2.2 - Replace all painted or damaged sprinkler heads.		0
Sprinkler Trade	General Requirements	Bushings	NFPA 13 (2002) 6.4.6 - Remove all bushings.		0
Sprinkler Trade	General Requirements	Quick response	NFPA 13 (2002) 8.3.3 - Provide quick response sprinklers in all light hazard areas.		0
Sprinkler Trade	General Requirements	Quick response - mixing	NFPA 13 (2002) 8.3.3 - Replace all non-quick response with the same compartment.		0

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Sprinkler Trade	Hangers	Power driven studs	NFPA 13 (2002) 9.1.3.9.3 - A representative sample of power driven stud hangers shall be tested and a certified report must be sent to us.		0
Sprinkler Trade	Hangers	Toggles	NFPA 13 (2002) 9.2.1.1.2 - Remove the toggle bolts and provide acceptable hangers.		0
Sprinkler Trade	Hangers	Distance between hangers	NFPA 13 (2002) 9.2.2.1 - Add or relocate hangers so the distance between them is in accordance with table 9.2.2.1.		0
Sprinkler Trade	Hangers	Missing hangers	NFPA 13 (2002) 9.2.3.2.1 - Provide a compliant hanger for each section of pipe.		0
Sprinkler Trade	Hangers	Unsupported lengths	NFPA 13 (2002) 9.2.3.4 - Provide hangers on the unsupported end lengths that exceed the specified dimensions.		0
Sprinkler Trade	Hangers	Retainer clips	NFPA 13 (2002) 9.2.3.4.3 - Provide hangers that prevent the upward movement of pendant sprinklers on the end branch line where pressure exceed 100 psi.		0
Sprinkler Trade	Hangers	Unsupported armover	NFPA 13 (2002) 9.2.3.5.1 - Provide hangers on all armovers and sprigs where the total distance exceeds 24 inches or 12 inches where the pressure exceed 100 psi.		0
Sprinkler Trade	Residential Sidewalls	Maximum throw	NFPA 13 (2002) 8.10.3.1 - Add or relocate sprinklers exceeding the maximum throw per the manufactures listing.		0
Sprinkler Trade	Residential Sidewalls	Too far apart	NFPA 13 (2002) 8.10.3.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance between each other per the manufactures listing.		0
Sprinkler Trade	Residential Sidewalls	Too far from wall	NFPA 13 (2002) 8.10.3.2 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance to the adjacent wall.		0
Sprinkler Trade	Residential Sidewalls	Too close	NFPA 13 (2002) 8.10.3.3 - Relocate the sprinklers so that they are at least 8' apart.		0
Sprinkler Trade	Residential Sidewalls	Distance to ceiling	NFPA 13 (2002) 8.10.4.2 - Relocate the sprinkler heads so that the deflector is between 4 and 6 inches from the ceiling.		0
Sprinkler Trade	Residential Sidewalls	Obstruction within 8'	NFPA 13 (2002) 8.10.7.1.2 - Add or relocate sprinkler with obstructions within 8' of the sidewall head.		0
Sprinkler Trade	Residential Sidewalls	Obstruction - beam along throw -perpendicular	NFPA 13 (2002) 8.10.7.1.3 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.10.7.1.3.		0
Sprinkler Trade	Residential Sidewalls	Obstructions - within 36 inches	NFPA 13 (2002) 8.10.7.2.1.3 - Relocate sprinkler heads that are closer than 4 times the maximum dimension of continuous or non continuous obstructions.		0
Sprinkler Trade	Residential Sidewalls	Obstructions - floor mounted	NFPA 13 (2002) 8.10.7.2.2 - Relocate or provide additional sprinklers to cover the obstructed area cause by the floor mounted or suspended obstruction.		0

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Sprinkler Trade	Residential Sidewalls	Obstructions - 4'	NFPA 13 (2002) 8.10.7.3.2 - Provide sprinklers under fixed obstruction over 4 feet wide.		0
Sprinkler Trade	Residential Upright and Pendants	Too far from wall	NFPA 13 (2002) 8.10.3 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance from the wall.		0
Sprinkler Trade	Residential Upright and Pendants	Too far apart	NFPA 13 (2002) 8.10.3.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance between each other.		0
Sprinkler Trade	Residential Upright and Pendants	Too close	NFPA 13 (2002) 8.10.3.3 - Relocate the sprinklers so that they are at least 8' apart.		0
Sprinkler Trade	Residential Upright and Pendants	Distance to ceiling - unobstructed	NFPA 13 (2002) 8.10.4.1 - Relocate the sprinkler heads so that the deflector is between 1 and 4 inches from the ceiling.		0
Sprinkler Trade	Residential Upright and Pendants	Obstruction - along wall	NFPA 13 (2002) 8.10.6.1.2 - Add or relocate sprinklers so the distance from obstruction against the wall to the sprinkler is in compliance with figure 8.6.5.1.2 (b)		0
Sprinkler Trade	Residential Upright and Pendants	Obstruction - beam	NFPA 13 (2002) 8.10.6.1.2 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.6.5.1.2.		0
Sprinkler Trade	Residential Upright and Pendants	Obstructions - within 36 inches	NFPA 13 (2002) 8.10.6.2.1.3 - Relocate sprinkler heads that are closer than 4 times the maximum dimension of continuous or non continuous obstructions.		0
Sprinkler Trade	Residential Upright and Pendants	Obstructions - floor mounted	NFPA 13 (2002) 8.10.6.2.2 - Relocate or provide additional sprinklers to cover the obstructed area cause by the floor mounted or suspended obstruction.		0
Sprinkler Trade	Residential Upright and Pendants	Obstructions - 4'	NFPA 13 (2002) 8.10.6.3.2 - Provide sprinklers under fixed obstructions over 4 feet wide.		0
Sprinkler Trade	Signs	Zone Signs MSFC 907.19	MSFC 907.19 - An approved floor plan indicating the area of each alarm zone and the location of the controls for each zone shall be required to be posted in a permanent fashion at the main annunciator panel. This plan shall include fire suppression system		0
Sprinkler Trade	Signs	Valves, drain and test	NFPA 13 (2002) 6.7.4 - All sprinkler and drain valves shall be affixed with a permanent sign indicating the area served or purpose of the valve.		0
Sprinkler Trade	Special Situations	Decks/Balconies MSBC	MSBC 1406.3 - Provide sprinkler protection under the exterior roof, canopy or deck.		0
Sprinkler Trade	Special Situations	Concealed Spaces	NFPA 13 (2002) 8.14.1.1 - Proved sprinkler protection in all concealed spaces with exposed combustible construction.		0

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Sprinkler Trade	Special Situations	Vertical Openings	NFPA 13 (2002) 8.14.4 - Provide close spaced sprinklers and draft stops around the floor opening.		0
Sprinkler Trade	Special Situations	Elevator equipment - pit	NFPA 13 (2002) 8.14.5.1 - Provide sprinkler protection in the bottom of hydraulic elevator shafts.		0
Sprinkler Trade	Special Situations	Elevator equipment - machine room	NFPA 13 (2002) 8.14.5.3 - Provide sprinkler protection in the equipment room of hydraulic elevators.		0
Sprinkler Trade	Special Situations	Decks/Balconies 13	NFPA 13 (2002) 8.14.7 - Provide sprinkler protection under the exterior roof, canopy or deck.		0
Sprinkler Trade	Standard Sidewalls	Obstructed construction	NFPA 13 (2002) 8.4.2 - Sidewall heads are not permitted under obstructed construction.		0
Sprinkler Trade	Standard Sidewalls	Too far apart	NFPA 13 (2002) 8.7.3.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance between each other.		0
Sprinkler Trade	Standard Sidewalls	Maximum throw	NFPA 13 (2002) 8.7.3.1.3 - Add or relocate sprinklers exceeding the maximum throw in table 8.7.2.2.1.		0
Sprinkler Trade	Standard Sidewalls	Inside protection area of others	NFPA 13 (2002) 8.7.3.1.6 - Relocate sprinklers so that they are not inside the protection area of other sprinklers.		0
Sprinkler Trade	Standard Sidewalls	Too far from wall	NFPA 13 (2002) 8.7.3.2 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance to the adjacent wall.		0
Sprinkler Trade	Standard Sidewalls	Too close to wall	NFPA 13 (2002) 8.7.3.3.1 - Relocate sprinklers so that they are at least 4 inches from the wall.		0
Sprinkler Trade	Standard Sidewalls	Too close	NFPA 13 (2002) 8.7.3.4 - Relocate the sprinklers so that they are at least 6' apart.		0
Sprinkler Trade	Standard Sidewalls	Distance to ceiling	NFPA 13 (2002) 8.7.4.1.1.1 - Relocate the sprinkler heads so that the deflector is between 4 and 6 inches from the ceiling.		0
Sprinkler Trade	Standard Sidewalls	Lintels and soffits - 2 inches	NFPA 13 (2002) 8.7.4.1.3.1 - Relocate the sprinkler head so that there is at least 2 inches of wall behind and below the sprinkler.		0
Sprinkler Trade	Standard Sidewalls	Lintels and soffits - 8 inches behind	NFPA 13 (2002) 8.7.4.1.3.2 - Provide sprinkler coverage where the distance behind the sidewall head is greater than 8 inches.		0
Sprinkler Trade	Standard Sidewalls	Obstruction within 4'	NFPA 13 (2002) 8.7.5.1.2 - Add or relocate sprinkler with obstructions within 4' of the sidewall head.		0
Sprinkler Trade	Standard Sidewalls	Obstruction - beam along throw	NFPA 13 (2002) 8.7.5.1.3 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.7.5.1.3.		0
Sprinkler Trade	Standard Sidewalls	Obstruction - beam adjacent	NFPA 13 (2002) 8.7.5.1.4 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.7.5.1.4.		0

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Sprinkler Trade	Standard Sidewalls	Obstructions - within 24 inches	NFPA 13 (2002) 8.7.5.2.1.3 - Relocate sprinkler heads that are closer than 3 times the maximum dimension of continuous or non continuous obstructions.		0
Sprinkler Trade	Standard Sidewalls	Obstructions - floor mounted	NFPA 13 (2002) 8.7.5.2.2 - Relocate or provide additional sprinklers to cover the obstructed area cause by the floor mounted or suspended obstruction.		0
Sprinkler Trade	Standard Sidewalls	Obstructions - 4'	NFPA 13 (2002) 8.7.5.3.2 - Provide sprinklers under fixed obstructions over 4 feet wide.		0
Sprinkler Trade	Standard Sidewalls	Distance to storage	NFPA 13 (2002) 8.7.6 - Maintain a distance of at least 18 inches between the top of storage and the sprinkler deflector.		0
Sprinkler Trade	Standard Upright And Pendants	Too far apart	NFPA 13 (2002) 8.6.3.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance between each other.		0
Sprinkler Trade	Standard Upright And Pendants	Too far from wall	NFPA 13 (2002) 8.6.3.2.1 - Relocate or provide additional sprinklers so that the sprinkler heads do not exceed the maximum allowable distance from the wall.		0
Sprinkler Trade	Standard Upright And Pendants	Too close to wall	NFPA 13 (2002) 8.6.3.3 - Relocate sprinklers so that they are at least 4 inches from the wall.		0
Sprinkler Trade	Standard Upright And Pendants	Too close	NFPA 13 (2002) 8.6.3.4.1 - Relocate the sprinklers so that they are at least 6' apart.		0
Sprinkler Trade	Standard Upright And Pendants	Distance to ceiling - unobstructed	NFPA 13 (2002) 8.6.4.1.1.1 - Relocate the sprinkler heads so that the deflector is between 1 and 12 inches from the ceiling.		0
Sprinkler Trade	Standard Upright And Pendants	Distance to ceiling - obstructed	NFPA 13 (2002) 8.6.4.1.2 (1) - Relocate the sprinkler heads so that the deflector is between 1 and 6 inches from bottom of the obstructed construction.		0
Sprinkler Trade	Standard Upright And Pendants	Obstruction - along wall	NFPA 13 (2002) 8.6.5.1.2 - Add or relocate sprinklers so the distance from obstruction against the wall to the sprinkler is in compliance with figure 8.6.5.1.2 (b)		0
Sprinkler Trade	Standard Upright And Pendants	Obstruction - beam	NFPA 13 (2002) 8.6.5.1.2 - Add or relocate sprinklers so the distance from the obstruction to the sprinkler is in compliance with table 8.6.5.1.2.		0
Sprinkler Trade	Standard Upright And Pendants	Obstructions - within 24 inches	NFPA 13 (2002) 8.6.5.2.1.3 - Relocate sprinkler heads that are closer than 3 times the maximum dimension of continuous or non continuous obstructions.		0
Sprinkler Trade	Standard Upright And Pendants	Obstructions - floor mounted	NFPA 13 (2002) 8.6.5.2.2 - Relocate or provide additional sprinklers to cover the obstructed area cause by the floor mounted or suspended obstruction.		0
Sprinkler Trade	Standard Upright And Pendants	Obstructions - 4'	NFPA 13 (2002) 8.6.5.3.3 - Provide sprinklers under fixed obstructions over 4 feet wide.		0

Department of Safety and Inspections Classification Numerical Values

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Category	Sub Category	Deficiency	Deficiency Text	Previous	Proposed
Sprinkler Trade	Standard Upright And Pendants	Distance to storage	NFPA 13 (2002) 8.6.6.1 - Maintain a distance of at least 18 inches between the top of storage and the sprinkler deflector.		0
Sprinkler Trade	Standard Upright And Pendants	Ceiling Pockets	NFPA 13 (2002) 8.6.7.1 - Add sprinklers in the ceiling pocket.		0
Sprinkler Trade	Valves	Electronic and Mechanical tampers MSFC 903.4	MSFC 903.4 - Provide electronic monitoring and mechanical securing of all valves that control a water supply to fire sprinklers.		0
Sprinkler Trade	Valves	Mechanical tampers MSFC 903.4	MSFC 903.4 - Provide mechanical securing of all valves that control a water supply to fire sprinklers.		0