Building Condition Assessment Survey 2023-2024

Mechanical Inspection

Asset:	I.S. 223 (MOTT HALL) - MANHATTAN, 71-111 CONVENT AVENUE, MANHATTAN, NY, 10027				
Inspection Id	Inspection Id Inspection Type Time In Last Edited				
226	MECHANICAL	2023-10-17 10:42AM	2023-11-21 03:42PM		
Asset Data					

Question	Answer	
Have any Systems/Major Building Components been upgraded?	Systems: Boiler Feedwater System	
	Years: 2023	
	Systems: Electric Domestic Water Heater (1 of 2)	
	Years: 2021	
	Systems: Kitchen - Grease Trap; Sump Pumps	
	Years: 2020	
	Systems: Boiler Make-up Water Backflow Preventer	
	Years: 2019	
	Systems: Electric Domestic Water Heater (1 of 2)	
	Years: 2017	
	Systems: Unit Heater/Cabinet Heater	
	Years: 2013	
Are there fuel tanks?	Yes	
Total # of above ground tanks	1	
Total capacity of all above ground tanks in gal.	1,500	
Total # of below ground tanks	0	
Total capacity of all below ground tanks in gal.	0	
Total # of water main service entries to the asset	2	
MERs/Fan Rooms Locations	Fire Pump Room 118; 4th Floor MER	
Are there any spaces with Missing or Defective CO Detectors?	No	
Are there any Painted/Obstructed Sprinkler Heads?	Yes	
Location(s)	Rooms 102, 103, 201, 202 - Toilet Room, 203, 204A, 210, 211,	
	212, 303, 304, 305, 309/310, 401, 402, 412, Corridors, 4th	
	Floor MER (painted, 42)	
Are there any Emergency Stop Switches with Missing Hammers?	Component: 1st Floor Corridor - Boiler Room Entrance	
	Location: Boiler Emergency Stop Switch	

Priority Condition

Exist	Priority	Condition	Component	Location	Person(s)	Person(s)	Photo
Last Year?	Category	Description	Affected	Description	Notified	Title	Image
Yes	Defective Sprinkler/Standpipe System	Fire Booster Pump is corroded and excessively leaking. Fire Booster Pump Controller is not operational.	Fire Booster Pump Assembly	Fire Pump Room 118	Alejandro Peña	Handyman	

Inspection

Question	Response	
Mechanical		
AIR CONDITIONING	Does not exist	
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist	
CLIMATE CONTROL SYSTEM	Inspected	
BMS	Does not exist	
Pneumatic System	Inspected	
Instance	Throughout except 4th Floor	
Instance Condition	3- Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Building Area Covered by Operational System	81-100%	
Deficiency	DEFECTIVE TEMPERATURE CONTROL ZONE VALVE	
Deficiency Location/Instance	4th Floor MER	

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uestion	Response
CLIMATE CONTROL SYSTEM	
Pneumatic System	
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hybrid System	Does not exist
Electric System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected
Dumbwaiter	Does not exist
Elevator	Inspected
Condition	3- Fair
Are all the existing elevators operable?	Yes
Deficiency	No deficiencies recorded
Escalator	Does not exist
Non-auditorium Handicap Lift - Vertical	Does not exist
Non-auditorium Handicap Lift - Verucai	Does not exist
Ash Hoist	Does not exist
Sidewalk Elevator	Does not exist
DOMESTIC WATER SYSTEM	Inspected
	Inspected
Domestic Cold Water System	Does not exist
Gravity System	
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Fire Pump Room 118
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Tigerflow
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	10
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Inspector Estimate
Installation Year	2003
Source of Installation Year	Inspector Estimate
Deficiency	DEFECTIVE PUMP
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	RUSTY/LEAKY VALVES AND PIPE FITTINGS
Deficiency Quantity	1
Deficiency Quantity	1
Deficiency Quantity Quantity Uom	1 EACH
Deficiency Quantity Quantity Uom Potential Action	1 EACH MAINTENANCE
Deficiency Quantity Quantity Uom Potential Action Urgency of Action	1 EACH MAINTENANCE PRIORITY 3
Deficiency Quantity Quantity Uom Potential Action Urgency of Action Purpose of Action	1 EACH MAINTENANCE PRIORITY 3 LEVEL 2

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION
	DEVICE
Deficiency Location/Instance	Boiler Room / Sprinkler Main
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3 LEVEL 2
Purpose of Action Violations	LEVEL 2 No violations recorded
Domestic Hot Water System Domestic Hot Water Remote Storage Tank	Inspected Does not exist
	Does not exist
Domestic Water Heat Exchanger Electric Domestic Water Heater	Inspected
Condition	-
	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Does not exist
Oil Fired Domestic Water Heater	Does not exist
Heat Pump Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected 3- Fair
Condition	
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance Deficiency Quantity	Main Electrical Room
• • •	20
Quantity Uom	L.F.
Potential Action Urgency of Action	REPLACE PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sump Pump	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
	Does not exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
FIXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition Deficiency Lavatory/Sink	3- Fair No deficiencies recorded Inspected

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uestion	Response	
FIXTURES		
Staff And Other		
Lavatory/Sink		
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	3- Fair	
	No deficiencies recorded	
Deficiency		
Urinal	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Student	Inspected	
Drinking Fountain	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Locker Room Shower	Does not exist	
Sink And Fountain Combo Unit	Does not exist	
Toilet	Inspected	
Condition	3- Fair	
	CLOGGED/LEAKING	
Deficiency	Toilet Room 301	
Deficiency Location/Instance Deficiency Quantity		
Quantity Uom	1 EACH	
Potential Action	EACH MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
	Inspected	
Condition	3- Fair	
Deficiency	CLOGGED/LEAKING	
Deficiency Location/Instance Deficiency Quantity	Toilet Room 401	
	1	
Quantity Uom Potential Action	EACH	
	MAINTENANCE PRIORITY 3	
Urgency of Action Purpose of Action	LEVEL 2	
Violations		
	No violations recorded	
GAS FIRED FURNACE	Does not exist	
GAS SERVICE	Inspected	
Gas Distribution Piping	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Gas Meter Room Exhaust Fan	Does not exist	
Gas Meter Room Vent	Does not exist	
Gas Pressure Booster	Does not exist	
CO/Gas Leak Detection	Inspected	
Instance	Boiler Room	
Instance Condition	3- Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Installation Year	1996	

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Response

Mechanical Inspection

Question

it stion	Kesponse
GAS SERVICE	
CO/Gas Leak Detection	
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
IEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator/Convector/Fin Tube	Inspected
Condition	3- Fair
Deficiency	RADIATOR/CONVECTOR:DEFECTIVE
Deficiency Location/Instance	Exit 2, Stairs "A/1", "B/1"
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	4th Floor MER
Deficiency Quantity	40
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	1st Floor Corridor (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
X7: 1 /	No violations recorded
Violations	No violations recorded

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Mechanical Inspection

nour inspection		1.12
estion	Response	
EATING PLANT		
Instance on Basement	Inspected	
Is there a water meter on the boiler make-up water piping?	No	
Burner Manufacturer	Gordon Piatt Energy Group	
Burner Model	R8.3-GO-15	
Burner Type	Oil	
Heating Plant Oil Number	2	
Boiler Auxiliaries		
Instance on Basement	Inspected	
Boiler Auxiliary Piping		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	MISSING HAMMER	
Deficiency Location/Instance	Corridor by Boiler Room Entrance	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Boiler Feedwater System		
Instance on Basement	Inspected	
Instance Condition	1- Good	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)		
Instance on Basement	Does not exist	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
	No denciencies recorded	
Boiler System Instance on Basement	Inspected	
	nispected	
Coal-fired Boiler Instance on Basement	Dees not exist	
instance on Basement	Does not exist	
Hot Water Boiler Instance on Basement	Does not exist	

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Mechanical Inspection

	Dognonso
on	Response
TING PLANT	
iler System	
team Boiler	Increased
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,254
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	Yes
Manufacturer	Weil-McLain
EquipmentId	N/A 1254
Capacity/Size Quantity Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1993
Source of Installation Year	Documented
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	40
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,254
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	Yes
Manufacturer	Weil-McLain
EquipmentId	N/A
Capacity/Size Quantity	1254
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1993
Source of Installation Year	Inspector Estimate
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
l System	T 2 1
Instance on Basement	Inspected
oiler Fresh Air Louver/Damper	x 1
Instance on Basement	Inspected
Instance Condition	3- Fair

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Mechanical Inspection

	N122
uestion	Response
HEATING PLANT	
Fuel System	
Boiler Fresh Air Louver/Damper	
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Gas Trains And Vent At The Boiler	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Enclosed IDF Room	Does not exist
KITCHEN	Inspected
Instance on 4th Floor	Inspected
CO Detector	I
Instance on 4th Floor	Not required
Gas System	
Instance on 4th Floor	Does not exist
Grease Trap	
Instance on 4th Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	
Instance on 4th Floor	Does not exist
Hood Exhaust Ductwork	
Instance on 4th Floor	Does not exist
Hood Exhaust Fan Instance on 4th Floor	Does not exist
	Does not exist
Hood Fire Suppression System	Does not exist
Instance on 4th Floor	Does not exist
Hot Water Temperature Booster	Dans not crict
Instance on 4th Floor	Does not exist
Kitchen Sink	T
Instance on 4th Floor	Inspected
Instance Condition	3- Fair
Deficiency	Missing Air Gap

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uestion	Response	
KITCHEN		
Kitchen Sink		
Deficiency Location/Instance	Kitchen (1 of 2)	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 4	
Violations	SF97558	
MDF Room	Inspected	
Instance on Room 304A	Inspected	
Dedicated A/C Equipment		
Instance on Room 304A	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Room 304A	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
SCIENCE DEMO ROOM	Does not exist	
SCIENCE LAB	Inspected	
Instance on Room 305	Inspected	
Alternative Use		
	Yes	
Acid Waste Neutralizing Tank Instance on Room 305	Inspected	
	3- Fair	
Instance Condition		
Deficiency	No deficiencies recorded	
CO Detector		
Instance on Room 305	Not required	
Emergency Shower	.	
Instance on Room 305	Does not exist	
Eye Wash		
Instance on Room 305	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork		
Instance on Room 305	Does not exist	
Hood Exhaust Fan		
Instance on Room 305	Does not exist	
Fixed Laboratory Hood		
Instance on Room 305	Does not exist	
Laboratory Sink		
Instance on Room 305	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit		
Instance on Room 305	Does not exist	
SCIENCE PREP ROOM	Does not exist	
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected	
Dry Sprinkler Alarm Valve Assembly	Does not exist	
Wet Sprinkler Alarm Valve Assembly	Does not exist	
Fire Booster Pump Assembly	Inspected	

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uestion	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Fire Booster Pump Assembly	
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE FIRE BOOSTER PUMP
Deficiency Location/Instance	Fire Pump Room 118
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Deficiency	DEFECTIVE FIRE BOOSTER PUMP CONTROLLER
Deficiency Location/Instance	Fire Pump Room 118
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Roof Tank	Does not exist
Siamese Connection	Inspected 3- Fair
Condition	
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Rooms 102, 103, 201, 202 - Toilet Room, 203, 204A, 210, 211, 212, 303, 304, 305, 309/310, 401, 402, 412, Corridors, 4th Floor
	MER (painted, 42)
Deficiency Quantity	42
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Sprinkler Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not exist
Water Gong	Does not exist
SWIMMING POOL	Does not exist
	Inspected
VENTILATION	
Is the building Mechanically ventilated?	Partial
Exhaust Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	4th Floor MER / Toilet Exhaust (bearing)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	Inspected
Condition	3- Fair

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Response
No deficiencies recorded
Inspected
3- Fair
Yes
No
DAMAGED FLEXIBLE CONNECTION
4th Floor MER @ Heating And Ventilating Unit
1
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
Does not exist
Does not exist