Asset:	P.S. 281 - M	ANHATTAN, 425 EAST 35 STR	EET, MANHA	TTAN, NY, 1001	6		
Inspectio	on Id Inspection Ty	pe			Time	In	Last Edited
	248 MECHANICA	AL .			2023	-10-18 07:51AM	1 2023-11-07 08:05AM
sset Data	Į.						
Question	n			Answer			
Have any	y Systems/Major Build	ling Components been upgraded?		Systems:	Climate Cont	rol System - BM	S
				Years:	2022		
Are there	e fuel tanks?			Yes			
	l # of above ground tar			1			
	l capacity of all above	=		275			
	l # of below ground tar			0			
	l capacity of all below of water main service e	= = = = = = = = = = = = = = = = = = = =		0 3			
	an Rooms Locations	nuries to the asset			er Dumn Doom	. 1144	
		sing or Defective CO Detectors?		Yes	er Pump Room	1114A	
Location		ing of Bereenve Co Bereenors.			Science Prep Ro	oom	
	e any Painted/Obstruct	ed Sprinkler Heads?		No	1		
		Switches with Missing Hammers?		No compo	nents		
riority Co	ondition						
Exist	Priority	Condition	Component	Location	Person(s)	Person(s)	Photo
Last Year?	Category	Description	Affected	Description	Notified	Title	Image
No cond	ition recorded						
nspection	n						
Question				Response			
Mechan	ical						
AIR C	CONDITIONING			Inspected			
	led Water System			Inspected			
	sorption Chiller			Does not e	exist		
Ai	r Cooled Chiller			Does not e	exist		
Air	r Cooled Condenser			Does not e	exist		
Ch	illed Water Distribut	ion: Piping, Pumps and Auxiliaries		Inspected			
(Condition			1- Good			
	Deficiency			PUMP:DE	EFECTIVE		
	Deficiency Loca	ation/Instance		Boiler Roo	om / P-4		
	Deficiency Qua	ntity		1			
	Quantity Uom			EACH			
	Potential Action			MAINTE			
	Urgency of Acti			PRIORIT	Y 3		
	Purpose of Action	on		LEVEL 2			
	Violations			Does not e	ons recorded		
	ckflow Preventer ntral Station Air Han	dlar		Inspected	XISt		
CC	Instance	uici		Main Roo	f		
	Instance Conditio	n			n Good and Fa	ir	
	Instance Quantity			3			
	Instance Quantity			EACH			
	Manufacturer	Com		Annexair			
	EquipmentId				.HU-2, AHU-3		
	Capacity/Size Qua	antity		30	.110-2, A110-3		
	Capacity/Size UO			Fan Motor	· HP		
	Source of Capacit			Document			
	Installation Year			2013			
	Source of Installa	tion Year		Document	ed		
	Deficiency			DEFECTI	VE CONTROI	LS	
	Deficiency Loc	ation/Instance			f / AHU-1, AH		

		N
estion	Response	
AIR CONDITIONING		
Chilled Water System		
Central Station Air Handler		
Deficiency Quantity	3	
Quantity Uom	EACH	
Potential Action	MAINTENANCE PRIORITY 3	
Urgency of Action Purpose of Action	LEVEL 2	
Violations	No violations recorded	
Instance	Main Roof 2- Between Good and Fair	
Instance Condition		
Instance Quantity	1	
Instance Quantity Uom	EACH	
Manufacturer	Annexair	
EquipmentId	AHU-4	
Capacity/Size Quantity	10	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size Installation Year	Documented 2013	
Source of Installation Year	Documented	
Deficiency	No deficiencies recorded	
	Main Roof	
Instance Instance Condition	2- Between Good and Fair	
Instance Quantity	1 EACH	
Instance Quantity Uom		
Manufacturer	Annexair	
EquipmentId	AHU-5	
Capacity/Size Quantity	8 5 M (17)	
Capacity/Size UOM Source of Capacity/Size	Fan Motor HP Documented	
Installation Year	2013	
Source of Installation Year	Documented	
Deficiency	No deficiencies recorded	
Instance	Main Roof	-
Instance Condition	2- Between Good and Fair	
Instance Quantity		
	1 EACH	
Instance Quantity Uom		
Manufacturer	Annexair	
EquipmentId Capacity/Size Quantity	AHU-6 10	
Capacity/Size Quantity Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	2013	
Source of Installation Year	Documented	
Deficiency	No deficiencies recorded	
Fan Coil Unit	Does not exist	
Packaged Air Cooled Chiller	Inspected	
Instance	Main Roof	-
Instance Condition	2- Between Good and Fair	
Instance Quantity	1 EACH	
Instance Quantity Uom		
Manufacturer	Airstack	
EquipmentId	N/A	
Capacity/Size Quantity	200	
Capacity/Size UOM Source of Capacity/Size	Tons Inspector Estimate	

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Question	Response
AIR CONDITIONING	
Chilled Water System	
Packaged Air Cooled Chiller	
Installation Year	2013
Source of Installation Year	Documented
Refrigerant Type	R-410A
Deficiency	No deficiencies recorded
Instance	Main Roof
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Airstack
EquipmentId	N/A
Capacity/Size Quantity	150
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2013
Source of Installation Year	Documented
Refrigerant Type	R-410A
Deficiency	No deficiencies recorded
Water Cooled Chiller	Does not exist
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not exist
Cooling Coil in Ductwork	Does not exist
Cooling Tower	Does not exist
DX Split System	Inspected
Indoor Unit	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Dry Cooler	Does not exist
Packaged / Rooftop Unit	Does not exist
Packaged Terminal A/C	Does not exist
Refrigerant Leak Detection System	Does not exist
Refrigerant Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
	Inspected
Instance	Throughout
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2022
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Pneumatic System	Does not exist
Hybrid System	Does not exist
Electric System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected

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Question	Response
CONVEYING	
Dumbwaiter	Does not exist
Elevator	Inspected
Condition	2- Between Good and Fair
Are all the existing elevators operable?	Yes
Deficiency	No deficiencies recorded
Escalator	Does not exist
Non-auditorium Handicap Lift - Vertical	Inspected
Condition	2- Between Good and Fair
Are all the existing non-auditorium vertical handicap lifts operable?	Yes
Deficiency	No deficiencies recorded
Non-auditorium Handicap Lift - Stair	Does not exist
Ash Hoist	Does not exist
Sidewalk Elevator	Does not exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Water/Gas Meter Room 100
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Federal Pump
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	20
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size Installation Year	Documented 2013
Installation Year Source of Installation Year	Documented
Deficiency	No deficiencies recorded
	Does not exist
Hydraulic/Pneumatic Booster System Water Service	Inspected
	Water/Gas Meter Room 100, Fire Booster Pump Room 114A
Instance Instance Condition	1- Good
Instance Quantity	
	3 EACH
Instance Quantity Uom	
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	Does not exist
Electric Domestic Water Heater	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	645
Capacity/Size UOM	MBH Input

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Question	Response	
DOMESTIC WATER SYSTEM		
Domestic Hot Water System		
Gas Fired Domestic Water Heater		
Capacity/Size 2 Quantity	0	
Capacity/Size 2 UOM	Gallons	
Source of Capacity/Size	Documented	
Installation Year	2013	
Source of Installation Year	Documented	
Deficiency	DEFECTIVE BURNER	
Deficiency Location/Instance Deficiency Quantity	Boiler Room 1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
Oil Fired Domestic Water Heater	Does not exist	
Heat Pump Domestic Water Heater	Does not exist	
	Inspected	
Domestic Water Distribution Piping Condition	1- Good	
	No deficiencies recorded	
Deficiency		
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected	
Interior Storm Piping	Inspected	
Condition	1- Good	
Deficiency	No deficiencies recorded	
Sewage/Waste/Vent Piping	Inspected	
Condition	1- Good	
Deficiency	No deficiencies recorded	
Sewage Ejector Pump	Does not exist	
Sump Pump	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist	
FIXTURES	Inspected	
Staff And Other	Inspected	
Janitor Sink	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
	Does not exist	
Urinal		
Student	Inspected	
Drinking Fountain	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Locker Room Shower	Does not exist	
Sink And Fountain Combo Unit	Inspected	

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Question	Response
FIXTURES	Response
Student	
Sink And Fountain Combo Unit	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected 1- Good
Condition	
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Inspected
Instance Instance Condition	Boiler Room, Water/Gas Meter Room 100 2- Between Good and Fair
Instance Quantity	1 EACH
Instance Quantity Uom	
Installation Year Source of Installation Year	2013 Documented
Deficiency	No deficiencies recorded
HEATING	Inspected Does not exist
Heating Coil In Ductwork	Inspected
Hydronic Heating Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
	Does not exist
Backflow Preventer	Does not exist Does not exist
Hot Water Heat Exchanger	
Radiator/Convector/Fin Tube Condition	Inspected 1- Good
Deficiency	No deficiencies recorded
	Does not exist
Steam Heating Steam supplied by External Sources	Does not exist Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HEATING PLANT	Inspected
Instance on Penthouse	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	N/A
Burner Model	N/A
Burner Type	Gas
Heating Plant Oil Number	N/A

Question	Response	
HEATING PLANT	· ·	
Boiler Auxiliaries		
Instance on Penthouse	Inspected	
Boiler Auxiliary Piping		
Instance on Penthouse	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on Penthouse	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Boiler Feedwater System		
Instance on Penthouse	Does not exist	
Boiler Feedwater Treatment(Automatic)		
Instance on Penthouse	Does not exist	
Boiler Flue Exhaust		
Instance on Penthouse	Does not exist	
Boiler Make-up Water Backflow Preventer		
Instance on Penthouse	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE RPZ	
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	
Boiler Room Steam And Condensate Piping		
Instance on Penthouse	Does not exist	
Boiler Safety Valve		
Instance on Penthouse	Does not exist	
Boiler System		
Instance on Penthouse	Inspected	
Coal-fired Boiler		
Instance on Penthouse	Does not exist	
Hot Water Boiler		
Instance on Penthouse	Does not exist	
Modular Boiler		
Instance on Penthouse	Inspected	
Instance on Penthouse	Inspected	
Instance	Boiler Room	
Instance Condition	2- Between Good and Fair	
Instance Quantity	1,304	
Instance Quantity Uom	MBH NET	
Manufacturer	AERCO	
EquipmentId	164455-01	
Capacity/Size Quantity	1500	
Capacity/Size UOM	MBH Gross	
Source of Capacity/Size	Documented	
Installation Year	2013	
Source of Installation Year	Documented	
Deficiency	No deficiencies recorded	

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Question	Dagnanga	

Question	Response
HEATING PLANT	•
Boiler System	
Modular Boiler	
Instance Quantity	1,304
Instance Quantity Uom	MBH NET
Manufacturer	AERCO
EquipmentId	164455-02
Capacity/Size Quantity	1500
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Steam Boiler	
Instance on Penthouse	Does not exist
Fuel System	
Instance on Penthouse	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Penthouse	Inspected
Instance Condition	2- Between Good and Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Penthouse	Does not exist
Fuel Oil Storage/Supply System	
Instance on Penthouse	Does not exist
Gas Trains And Vent At The Boiler	
Instance on Penthouse	Does not exist
Enclosed IDF Room	Inspected
Instance on Room 319	Inspected
Instance on Rooms 219, 519, 619	Inspected
Dedicated A/C Equipment	
Instance on Room 319	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 219, 519, 619	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Rooms 219, 519, 619
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action Violations	LEVEL 2
	No violations recorded
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1 EACH
Quantity Uom Potential Action	EACH MAINTENANCE
1 Otolidai Action	MAINTENANCE

Question	Response	
KITCHEN	•	
CO Detector		
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Gas System		
Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Grease Trap		
Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood	1.0 4010101000 10001404	
Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork	110 deficiences recorded	
Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan	140 deficiencies recorded	
Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
	No deficiencies recorded	
Hood Fire Suppression System Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
	No deficiencies recorded	
Deficiency	No deficiencies recorded	
Hot Water Temperature Booster Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
-	No deficiencies recorded	
Deficiency	No deficiencies recorded	
Kitchen Sink Instance on 1st Floor	Inspected	
Instance Condition	2- Between Good and Fair	
	No deficiencies recorded	
Deficiency		
MDF Room	Inspected	
Instance on Room 710	Inspected	
Dedicated A/C Equipment		
Instance on Room 710	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Inspected	
Instance on Room 627	Under construction	
SCIENCE LAB	Inspected	
Instance on Room 320	Inspected	
Alternative Use	No	
Acid Waste Neutralizing Tank		
Instance on Room 320	Does not exist	
CO Detector		
Instance on Room 320	Not required	
Emergency Shower		
Instance on Room 320	Does not exist	

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Ouestion	Response	
SCIENCE LAB	Response	
Eye Wash Instance on Room 320	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
	No deficiencies recorded	
Hood Exhaust Ductwork Instance on Room 320	Does not exist	
	Does not exist	
Hood Exhaust Fan	D	
Instance on Room 320	Does not exist	
Fixed Laboratory Hood		
Instance on Room 320	Does not exist	
Laboratory Sink		
Instance on Room 320	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit		
Instance on Room 320	Does not exist	
SCIENCE PREP ROOM	Inspected	
Instance on Room 625	Inspected	
Alternative Use	No	
Acid Waste Neutralizing Tank		
Instance on Room 625	Does not exist	
CO Detector		
Instance on Room 625	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE/MISSING	
Deficiency Location/Instance	Room 625	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Emergency Shower		

	Instance Condition	2- Between Good and Fair
	Deficiency	No deficiencies recorded
Eye	Wash	
	Instance on Room 625	Inspected
	Instance Condition	2- Between Good and Fair
	Deficiency	No deficiencies recorded
Hoo	d Exhaust Ductwork	
	Instance on Room 625	Inspected

Inspected

Instance on Room 625

Hood Exhaust Ductwork		
Instance on Room 625	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan		
Instance on Room 625	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Fixed Laboratory Hood		
Instance on Room 625	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Laboratory Sink		
-		
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Question	Response
SCIENCE PREP ROOM	
Laboratory Sink	
Instance on Room 625	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 625	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
	Inspected
Sprinkler Piping Condition	1- Good
Deficiency	No deficiencies recorded
Standpipe System Hose Valve Assembly	Inspected Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Water Gong	Does not exist
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Is the building Mechanically ventilated?	Yes
Exhaust Fan	Inspected
Condition	2- Between Good and Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	1- Good
Are there any uninsulated ductwork by design in Mechanical rooms?	No
Are there chain operated dampers?	No
Deficiency	No deficiencies recorded
Supply Fan	Does not exist