Mechanical In	spection							K011
Asset:	P.S. 11 - BR	OOKLYN, 419	WAVERLY A	VENUE, New	York, 11238			
Inspection I					·	Time In	ı	Last Edited
ME : K0	011 Mechanical					2024-06	-03 8:08 AM	2024-06-06 3:24 PM
Asset Data								
Ouestion					Answer			
Are there fuel	l tanks?				Yes			
	ove ground tanks				1			
	y of all above grou	ınd tanks in gal.			12,000			
	low ground tanks	Č			0			
	y of all below grou	and tanks in gal.			0			
	ter main service e	•			2			
MERs/Fan Ro	ooms Locations				MER C7			
Are there any	spaces with Miss	ing or Defective (CO Detectors?		No			
Are there any	Emergency Stop	Switches with Mi	issing Hammers?		No			
Are there any	Painted/Obstructe	ed Sprinkler Head	ls?		Yes			
Location(s)					Boiler Roo	om Paint Room, Ro	oms C2, C4, C5	s, G13, 118
Have any Sys	stems/Major Build	ing Components	been upgraded?		Yes			
					Systems:	DX Split Systen	ns for Cafeteria;	Water Services
					Years:	2023		
					Systems:	Ductwork for A Pneumatic Syste Dryer, Tempera	uditorium; Climem: Air Compre ture Control The : Lavatory/Sink s - Student: Drir	
					Years:	2022		
					Systems:		p Traps; Termin	al Unit Thermostatic Traps
					Years:	2020		1
					Systems:	Boiler #1 Safety	Valves (2 of 4)	1
					Years:	2016		
Priority Condit	ion							
Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Defective Boiler Safety Auxiliary		HEATING PLANT Boiler Auxiliaries Boiler Safety Valve	Boiler Room / Boiler #2 (2 of 4)	McRaymond Medy	Custodian	Sent to DSF	
Yes	Defective Kitchen Gas System	Defective Master Gas Control Valve	KITCHEN Gas System	Kitchen	McRaymond Medy	Custodian	Sent to DSF	
Inspection								
Question					Respons	se		
Mechanical								
AIR CONDI	TIONING				Inspecte	d		
Chilled Wa	ater System				Does not	t Exist		
Condenser	Water Distribut	ion: Piping, Pun	nps and Auxiliarie	es	Does not	t Exist		
	oil in Ductwork				Inspecte	d		
Condition					1 - Good			
	eficiency					riencies recorded		
Cooling To	-				Does not			
DX Split S					Inspecte			
DA Split S	Journ				mspecte	u		

chanical Inspection	K011
Question	Response
AIR CONDITIONING	
DX Split System	
Indoor Unit	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	1 - Good
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	1 - Good
Deficiency	No deficiencies recorded
Return Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	
	81-100%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Rooms 110, 112, 221
Deficiency Quantity	3 EACH
Quantity Uom Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
	No violations recorded.
Deficiency	DEFECTIVE AIR COMPRESSOR
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist

nanical Inspection	K0:
estion	Response
CONVEYING	
Dumbwaiter	Does not Exist
Elevator	Does not Exist
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
Ash Hoist	Does not Exist
Sidewalk Elevator	Inspected
Are all the existing sidewalk elevators operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Does not Exist
Water Service	Inspected
Instance	Basement Crawlspace
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement Crawlspace
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	MER C7
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	MER C7
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Domestic Hot Water System	Inspected
Domestic Hot Water System Domestic Hot Water Remote Storage Tank	Does not Exist
Domestic Water Heat Exchanger	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION

hanical Inspection		K01
uestion	Response	
DOMESTIC WATER SYSTEM		
Domestic Hot Water System		
Domestic Water Heat Exchanger		
Deficiency Quantity	5	
Quantity Uom	S.F.	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Deficiency	FLANGE 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	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Electric Domestic Water Heater	Does not Exist	
Heat Pump 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	
Instance Manufacturer	RayPak	
Equipment	N/A	
Capacity/Size Quantity	512	
Capacity/Size UOM	MBH Input	
Capacity/Size2 Quantity	0	
Capacity/Size2 UOM	Gallons	
	Documented	
Source of Capacity/Size Installation Year	2009	
Source of Installation	Inspector Estimate	
Deficiency Oil Fired Domestic Water Heater	No deficiencies recorded Does not Exist	
Domestic Water Distribution Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected	
Interior Storm Piping	Inspected	
Condition	3 - Fair	
Deficiency Serverse/Wests (Vent Bining	No deficiencies recorded	
Sewage/Waste/Vent Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Sewage Ejector Pump	Inspected	
Condition	3 - Fair	

uestion	Response	
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected	
Sewage Ejector Pump	Inspected	
Deficiency	No deficiencies recorded	
Sump Pump	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist	
FIXTURES	Inspected	
Staff And Other	Inspected	
	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Urinal	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Student	Inspected	
Drinking Fountain	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Locker Room Shower	Does not Exist	
Sink And Fountain Combo Unit	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Urinal	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
GAS FIRED FURNACE	Does not Exist	
GAS SERVICE	Inspected	
Gas Distribution Piping Condition	Inspected	
Condition	3 - Fair No deficiencies recorded	
Deficiency Cos Motor Poors Exhaust For		
Gas Meter Room Exhaust Fan	Does not Exist	
Gas Meter Room Vent	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Gas Pressure Booster	Does not Exist	

	K0
Response	
Inspected	
Inspected	
3 - Fair	
No deficiencies recorded	
Does not Exist	
Inspected	
3 - Fair	
No deficiencies recorded	
Inspected	
Inspected	
No deficiencies recorded	
Inspected	
3 - Fair	
DAMAGED/MISSING INSULATION	
Boiler Room below Hot Water Temperature Booster	
10	
L.F.	
REPLACE	
PRIORITY 3	
LEVEL 2	
No photo recorded	
No violations recorded.	
Inspected	
4 - Between Fair and Poor	
DEFECTIVE CONTROLS	
Boiler Room	
1	
EACH	
REPAIR	
PRIORITY 3	
LEVEL 2	
No violations recorded.	
Boiler Room (top tank) 1	
	Inspected Inspected 3 - Fair No deficiencies recorded Does not Exist Inspected 3 - Fair No deficiencies recorded Inspected Inspected Inspected 1 - Good No deficiencies recorded Inspected Inspected 1 - Good No deficiencies recorded Inspected 3 - Fair DAMAGED/MISSING INSULATION MER C7 10 L.F. MAINTENANCE PRIORITY 3 LEVEL 2 No photo recorded No violations recorded. Inspected 3 - Fair DEFECTIVE/LEAKS Boiler Room below Hot Water Temperature Booster 10 L.F. REPLACE PRIORITY 3 LEVEL 2 No photo recorded No violations recorded. Inspected 4 - Between Fair and Poor DEFECTIVE CONTROLS Boiler Room 1 EACH REPAIR PRIORITY 3 LEVEL 2 No photo recorded.

estion	Response	
HEATING		
Steam Heating		
Steam Condensate Return Pumping System		
Potential Action	REPAIR	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Steam Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Terminal Unit Thermostatic Trap	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Steam supplied by External Sources	Does not Exist	
Unit Heater/Cabinet Heater	Does not Exist	
HEATING PLANT	Inspected	
Replacement Quantity	11,220	
Replacement Uom	MBH Net	
Instance on Basement	Inspected	
Burner Type	Oil	
Heating Plant Oil Number	2(B10)	
Is there a water meter on the boiler make-up water piping? Burner Exists?	No Yes	
Burner Manufacturer	Industrial Combustion	
Burner Model Number	MMG-84P	
Boiler Auxiliaries	Inspected	
Instance on Basement	Inspected	
Boiler Auxiliary Piping		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE BLOWDOWN PIPING	
Deficiency Location/Instance	Boiler Room / Boiler #1	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Deficiency	DEFECTIVE BOILER FEEDWATER PIPING	
Deficiency Location/Instance	Boiler Room	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
	TO TOMESTIC POOLEGE	
Boiler Emergency Stop Switch		

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Response	
No deficiencies recorded	
Does not Exist	
Does not Exist	
Inspected	
3 - Fair	
No deficiencies recorded	
Does not Exist	
Inspected	
3 - Fair	
No deficiencies recorded	
Inspected	
3 - Fair	
DEFECTIVE	
Boiler Room / Boiler #2 (2 of 4)	
2	
EACH	
REPLACE	
PRIORITY 5	
LEVEL 6	
No photo recorded	
No violations recorded.	
Inspected	
Inspected .	
Does not Evist	
DOGS HOT EXIST	
Door not Eviet	
DOES HOT EXIST	
Dana and Enite	
Does not Exist	
5,610	
MBH Net	
No	
National Radiator Corp. (NRC)	
47173-01	
	Inspected 3 - Fair No deficiencies recorded Does not Exist Inspected 3 - Fair No deficiencies recorded Inspected 3 - Fair No deficiencies recorded Inspected 3 - Fair DEFECTIVE Boiler Room / Boiler #2 (2 of 4) 2 EACH REPLACE PRIORITY 5 LEVEL 6 No photo recorded No violations recorded. Inspected Inspected Does not Exist Does not Exist Does not Exist Inspected Boiler Room 3 - Fair 5,610 MBH Net No National Radiator Corp. (NRC)

estion	Response	
EATING PLANT		
Boiler System		
Steam Boiler		
Capacity/Size UOM	MBH Net	
Source of Capacity/Size	Documented	
Installation Year	1958	
Source of Installation	Documented	
Deficiency	DAMAGED/MISSING INSULATION	
Deficiency Quantity	5	
Quantity Uom	S.F.	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Deficiency	DAMAGED REFRACTORY	
Deficiency Quantity	20	
Quantity Uom	S.F.	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Deficiency	LEAKY/PLUGGED TUBES	
Deficiency Quantity	7	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Instance	Boiler Room	
Instance Condition	3 - Fair	
Instance Quantity	5,610	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	National Radiator Corp. (NRC)	
Equipment	47173-02	
Capacity/Size Quantity	5,610	
Capacity/Size UOM	MBH Net	
Source of Capacity/Size	Documented	
Installation Year	1958	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Fuel System	Inspected	
Instance on Basement	Inspected	
Boiler Fresh Air Louver/Damper	·	
Do Boiler Combustion Air Louvers exist?	Yes	

estion	Response
EATING PLANT	
Fuel System	
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Basement	Does not Exist
nclosed IDF Room	Inspected
Instance on Gymnasium Storage Room	Inspected
Dedicated A/C Equipment	Inspected
Instance on Gymnasium Storage Room	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Gymnasium Storage Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
ITCHEN	Inspected
Instance on Ground Floor	Inspected
CO Detector	Inspected
Instance on Ground Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas System	Inspected
Instance on Ground Floor	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE MASTER GAS CONTROL VALVE
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Grease Trap	Inspected

uestion	Response	
KITCHEN	•	
Grease Trap	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood	Inspected	
Instance on Ground Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork	Inspected	
Instance on Ground Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan	Inspected	
Instance on Ground Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Fire Suppression System	Does not Exist	
Instance on Ground Floor	Does not Exist	
Hot Water Temperature Booster	Inspected	
Instance on Ground Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Kitchen Sink	Inspected	
Instance on Ground Floor	Inspected	
Condition	3 - Fair	
Deficiency	MISSING AIR GAP	
Deficiency Location/Instance	Kitchen	
Deficiency Quantity	2	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
MDF Room	Inspected	
Instance on Room C5	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room C5	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Does not Exist	
SCIENCE LAB	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	Does not Exist	
Roof Tank	Does not Exist	

chanical Inspection	K01
Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Boiler Room Paint Room, Rooms C2, C4, C5, G13, 118
Deficiency Quantity	18
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Sprinkler Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not Exist
	Does not Exist
Water Gong	
SWIMMING POOL	Does not Exist
VENTILATION	Inspected
Is the building mechanically ventilated?	Partial
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Lower Roof / EF-14T
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Heating And Ventilating Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical	
Rooms? Are there chain operated dampers?	Yes No
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED DUCTWORK
Deficiency Location/Instance	MER C7
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
	110 violations recorded.
Deficiency	DAMAGED FLEXIBLE CONNECTION

Building Condition Assessment Survey 2023 - 2024

K011 Mechanical Inspection Question Response VENTILATION Metal Ductwork Deficiency Location/Instance MER C7 / Gym Blower **Deficiency Quantity** Quantity Uom EACH Potential Action MAINTENANCE Urgency of Action PRIORITY 3 Purpose of Action LEVEL 2 Deficiency Photo1 No photo recorded Violations No violations recorded. **Supply Fan** Inspected Approximate Total # of Fans 1-5 Condition 3 - Fair Deficiency No deficiencies recorded **Unit Ventilator** Does not Exist