Mechanical Inspe	ection						K23
Asset:	P.S. 238 - B	ROOKLYN, 1	633 EAST 8 ST	REET, New Y	ork, 11223		
Inspection Id	Inspection	Туре				Time In	Last Edited
ME : K238	Mechanical					2024-01-25 8:35 AM	2024-02-06 4:47 PM
sset Data							
Question					Answer		
Are there fuel tar	nks?				Yes		
Total # of above	ground tanks				1		
Total capacity of	all above gro	und tanks in gal.			7,500		
Total # of below	ground tanks				0		
Total capacity of	all below gro	und tanks in gal.			0		
Total # of water	main service e	entries to the asset	İ.		2		
MERs/Fan Roon	ns Locations				Basement I	MER, Fan Room B-10	
Are there any spa	aces with Miss	sing or Defective	CO Detectors?		No		
Are there any En	nergency Stop	Switches with M	issing Hammers?		No		
Are there any Pa	inted/Obstruct	ted Sprinkler Hea	ds?		Yes		
Location(s)					Rooms B-	05, B-06	
Have any System	ns/Major Build	ding Components	been upgraded?		Yes		
					Systems:	Fixtures - Staff And Other: Toile Student: Toilets (50%), Urinals	
					Years:	2021	
					Systems:	CO/Gas Leak Detection; F&T/S Terminal Unit Thermostatic Tra	
					Years:	2019	
					Systems:	Fixtures - Student: Toilets (40%)	); Urinals (50%)
					Years:	2017	
					Systems:	Kitchen - Grease Trap	
					Years:	2015	
					Systems:	MDF Room - Dedicated A/C Eq System)	uipment (DX Split
					Years:	2013	
riority Condition	ı						
Priority Pr Condition Exist Ca Last Year?	riority ategory	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title Status	PhotoImage
No condition record	ed						
spection							
Question					Respons	se	
Mechanical AIR CONDITION	ONING				Does not	t Exist	
CENTRAL AC	ID WASTE N	EUTRALIZINO	G TANK		Does not	t Exist	
CLIMATE CO	NTROL SYS	TEM			Inspected	d	
BMS					Does not	t Exist	
Pneumatic Sy	stem				Inspected	d	
Instan	ce				Through	out	
Instan	ce Condition				3 - Fair		
	ce Quantity				1		
-	ce Quantity U	om			EACH		
	- •		al Cyata				
		red by Operation	aı System		81-100%		
Defici					DEFECT	TIVE TEMPERATURE CONTRO	L THERMOSTAT
	-						
	ency ciency Locatio	on/Instance				805, 352B, Gymnasium Laundry Ronower Room 452, and other locatio	

uestion	Response
CLIMATE CONTROL SYSTEM	<b>Кеороше</b>
Pneumatic System	
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
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
Ash Hoist	Inspected
Are all the existing ash hoists operable?	No
Condition	4 - Between Fair and Poor
Deficiency	No deficiencies recorded
Sidewalk Elevator	Does not Exist
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	3 - Fair
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	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE

echanical Inspection		K238
Question	Response	
DOMESTIC WATER SYSTEM		
Domestic Cold Water System		
Water Service		
Deficiency Location/Instance	Boiler 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.	
Domestic Hot Water System	Inspected	
Domestic Hot Water Remote Storage Tank	Does not Exist	
Domestic Water Heat Exchanger	Does not Exist	
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	PVI	
Equipment	Hot Water Heater	
Capacity/Size Quantity	600	
Capacity/Size UOM	MBH Input	
Capacity/Size2 Quantity	400	
Capacity/Size2 UOM	Gallons	
Source of Capacity/Size	Documented	
Installation Year	2000	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Oil Fired Domestic Water Heater	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	DEFECTIVE/LEAKS	
Deficiency Location/Instance	Boiler Room	
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.	
Sewage/Waste/Vent Piping	Inspected	
Condition	3 - Fair	

iestion	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	•
Sewage/Waste/Vent Piping	
Deficiency	SEWAGE/WASTE PIPING: DEFECTIVE/LEAKS
Deficiency Location/Instance	Student's Toilet Room 161A
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.
Sewage Ejector Pump	Does not Exist
Sump Pump	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT	Does not Exist
WATER)	
FIXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	CLOGGED/LEAKING
Deficiency Location/Instance	Room 257
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.
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ET
Deficiency Location/Instance	Gymnasium Storage Room 454, Mens Toilet Room 457
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.
Toilet	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	2 - Between Good and Fair

chanical Inspection	K23
uestion	Response
FIXTURES	
Student	
Drinking Fountain	Inspected
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boys Toilet Room 262
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.
Locker Room Shower	Inspected
Instance on 4th Floor	Inspected
Instance Condition	3 - Fair
Alternative use	Yes
Deficiency	No deficiencies recorded
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1 - Good
Deficiency	CLOGGED/LEAKING
Deficiency Location/Instance	Boys Toilet Room 157, Student's Toilet Room inside Room 207
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.
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
SAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected

hanical Inspection	K238
nestion	Response
GAS SERVICE	
CO/Gas Leak Detection	
Instance	Boiler Room, Gas Meter Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2019
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not Exist
Radiator/Convector/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	AUXILIARY (VALVE, VENT): DEFECTIVE
Deficiency Location/Instance	Girls Toilet Room 358A, Boys Toilet Room 359, Mens Toilet Room 457, Stair G - 3rd and 4th Floors
Deficiency Quantity	6
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.
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Basement MER
Deficiency Quantity	200
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
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

stion	Response
EATING	
Steam Heating	Inspected
Terminal Unit Thermostatic Trap	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EATING PLANT	Inspected
Replacement Quantity	12,028
Replacement Uom	MBH Net
Instance on Basement	
Burner Type	Inspected
Heating Plant Oil Number	Dual Fuel (Gas/Oil) 2
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational? Burner Exists?	No Yes
Burner Manufacturer	Gordon-Piatt
Burner Model Number	R.L 14-GO- 59
Boiler Auxiliaries	Inspected
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE BOILER AUTOMATIC FEEDWATER VALVE
Deficiency Location/Instance	Boiler Room / Boiler #1
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.
	1.0 ,10,410,10 10001001
Boiler Emergency Stop Switch  Instance on Basement	
	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room (Control System)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

stion	Response	
CATING PLANT		
Boiler Auxiliaries		
Boiler Feedwater Treatment(Automatic)		
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
<b>Boiler Room Steam And Condensate Piping</b>		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler System	Inspected	
Instance on Basement	Inspected	
Coal-fired Boiler		
Instance on Basement	Does not Exist	
Hot Water Boiler		
Instance on Basement	Does not Exist	
Modular Boiler		
Instance on Basement	Does not Exist	
Steam Boiler		
Instance on Basement	Inspected	
Instance	Boiler Room	
Instance Condition	3 - Fair	
Instance Quantity	6,014	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	A. L. Eastmond & Sons Inc.	
Equipment	7860-01	
Capacity/Size Quantity	6,014	
Capacity/Size UOM	MBH Net	
Source of Capacity/Size	Documented	
Installation Year	2000	
Source of Installation	Documented	
Deficiency	LEAKY/PLUGGED TUBES	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
	,	

chanical Inspection	K238
Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Violations	No violations recorded.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	6,014
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	7860-02
Capacity/Size Quantity	6,014
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2000
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
Туре	Automatic
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DUAL FUEL (OIL/GAS) BURNER: DEFECTIVE
Deficiency Location/Instance	Boiler Room / Boiler #2
Deficiency Quantity	l EACH
Quantity Uom Potential Action	EACH REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fuel Oil Storage/Supply System	Toward
Instance on Basement Condition	Inspected 3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	No deficiencies recorded
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	Inspected
Instance on Room 360	Inspected
Dedicated A/C Equipment	Inspected
area - a	
Instance on Room 360	Inspected

K23

Duestion	Response	
SCIENCE DEMO ROOM	морине	
Emergency Shower	Does not Exist	
Instance on Rooms 415, 417	Does not Exist	
Eye Wash	Does not Exist	
Instance on Rooms 415, 417	Does not Exist	
Hood Exhaust Ductwork	Does not Exist	
Instance on Rooms 415, 417	Does not Exist	
Hood Exhaust Fan	Does not Exist	
Instance on Rooms 415, 417	Does not Exist	
Fixed Laboratory Hood	Does not Exist	
Instance on Rooms 415, 417	Does not Exist	
Laboratory Sink	Inspected	
Instance on Rooms 415, 417	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Rooms 415, 417	Does not Exist	
SCIENCE LAB	Does not Exist	
SCIENCE PREP ROOM	Inspected	
Instance on Room 419	Inspected	
Alternative use	No	
Acid Waste Neutralizing Tank	Does not Exist	
Instance on Room 419	Does not Exist	
CO Detector	Not Required	
Instance on Room 419	Not Required	
Emergency Shower	Does not Exist	
Instance on Room 419	Does not Exist	
Eye Wash	Does not Exist	
Instance on Room 419	Does not Exist	
Hood Exhaust Ductwork	Does not Exist	
Instance on Room 419	Does not Exist	
Hood Exhaust Fan	Does not Exist	
Instance on Room 419	Does not Exist	
Fixed Laboratory Hood	Does not Exist	
Instance on Room 419	Does not Exist	
Laboratory Sink	Inspected	
Instance on Room 419	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Room 419	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	
Siamese Connection	Does not Exist	
Sprinkler Head	Inspected	

#### **Building Condition Assessment Survey 2023 - 2024**

Mechanical Inspection **K238** Question Response SPRINKLERS, STANDPIPE, FIRE SYSTEM Sprinkler Head DEFECTIVE/DETERIORATED Deficiency Deficiency Location/Instance Rooms B-05, B-06 **Deficiency Quantity** Quantity Uom **EACH** REPLACE Potential Action 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 **Water Gong** Does not Exist SWIMMING POOL Does not Exist VENTILATION Inspected Is the building mechanically ventilated? **Exhaust Fan** Inspected Approximate Total # of Fans 1-25 Condition 3 - Fair NOT IN USE Deficiency Deficiency Location/Instance Gymnasium Storage Room 454 **Deficiency Quantity** Quantity Uom **EACH** Potential Action NO ACTION Urgency of Action PRIORITY 1 Purpose of Action LEVEL 1 Deficiency Photo1 No photo recorded Violations No violations recorded. **Heating And Ventilating Unit** Does not Exist **Metal Ductwork** Inspected Are there any uninsulated ductwork by design in Mechanical Yes Are there chain operated dampers? Yes Condition 3 - Fair Deficiency No deficiencies recorded Supply Fan Inspected Approximate Total # of Fans 1-5 Condition 3 - Fair Deficiency No deficiencies recorded **Unit Ventilator** Inspected Condition 3 - Fair Deficiency No deficiencies recorded