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

Mechanical I	nspection	X144
Asset:	I.S. 144 - BRONX, 2545 GUNTHER AVENUE, BRONX, NY, 10469	

Inspection I		•			Time In	24 05 24	Last Edited
	06 MECHANIC	AL			2023-10-2	24 07:31A	M 2023-11-07 08:15AM
sset Data							
Question				Answer			
Have any Sy	ystems/Major Buil	ding Components been upgraded?		Systems: Years: Systems:	Systems; Steam C F&T/Steam Drip Traps; MER Steam	Condensate Traps; Tern m and Cond net Heaters; tter System;	bil Tanks); Climate Control Return Pumping System; ninal Unit Thermostatic densate Piping (~50%); ; CO/Gas Leak Detection; ; Sump Pumps
				Years:	2015		
Are there fu	el tanks?			Yes			
Total # c	of above ground ta	inks		2			
Total cap	pacity of all above	ground tanks in gal.		20,000			
	of below ground ta			0			
		ground tanks in gal.		0			
Total # of w	ater main service	entries to the asset		3			
Are there an Location(s)	, 1	ssing or Defective CO Detectors?		above Gy Yes Science L Yes	mnasium .ab 428, 438 om Mechanical Are		ove Auditorium, MER C1, C7, C21, 139
Are there an	v Emergency Stor	Switches with Missing Hammers?		No compo			
riority Cond		5 5 Witches With Missing Hammers.		Tto compe	, nents		
	Priority	Condition	Component	Location	Person(s) P	erson(s)	Photo
	Category	Description	Affected	Description	* *	itle	Image
No condition	n recorded						
Inspection							
Question				Response	<b>,</b>		
Mechanical	<u> </u>			•			
AIR CON	NDITIONING			Does not	exist		
		NEUTRALIZING TANK		Inspected			
Condition		NEUTRALIZING IANK		3- Fair			
Conditio	Deficiency				encies recorded		
CLIMAT	E CONTROL SY	STFM		Inspected			
BMS	L CONTROLS!	SILM		Inspected			
BMS	Instance			Througho			a, Gymnasium, Kitchen,
	Instance Condition	on			en Fair and Poor		
	Instance Quantit	y		1			
	Instance Quantit	<u> </u>		EACH			
		overed by Operational System		0-20%			
	Installation Year	· · · · · ·		2018			
	Source of Install	ation Year		Custodial	Staff		
	Deficiency			DEFECT	IVE SYSTEM		
	-	cation/Instance				m, Cafeteri	a, Gymnasium, Kitchen,
	•			_	ctice Room, Cellar (		
	Deficiency Qu	antity		1			
	Quantity Uom			EACH			
	Potential Actio	n		REPAIR			
	Urgency of Ac	tion		PRIORIT	Y 3		
CAS Partners Ve	ersion 2.0 (P)		Page 1	of 12			Print Date: 8/8/2024

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

estion	Response
CLIMATE CONTROL SYSTEM	
BMS	
Purpose of Action	LEVEL 2
Violations	No violations recorded
Pneumatic System	Inspected
Instance	Cafeteria, Gymnasium, Kitchen, Band Practice Room, Cellar Corridor
Instance Condition	2- Between Good and Fair
Instance Quantity	1 FACIL
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
Hybrid System	Does not exist
Electric System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Does not exist
OOMESTIC 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 by Lodovick Avenue, Gas/Water Meter Room C25
Instance Condition	3- Fair
Instance Quantity	3
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement - Crawlspace by Lodovick Avenue, Gas/Water Meter Room C25
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Domestic Hot Water System	Inspected
Domestic Hot Water System  Domestic Hot Water Remote Storage Tank	Inspected
Condition	1- Good
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 Mechanical Area
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	315
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented

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

micai Inspection		Λ144
estion	Response	
OOMESTIC WATER SYSTEM		
Domestic Hot Water System		
Gas Fired Domestic Water Heater		
Source of Installation Year	Custodial Staff	
Deficiency	No deficiencies recorded	
Oil Fired Domestic Water Heater	Does not exist	
Heat Pump 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	No deficiencies recorded	
Sewage/Waste/Vent Piping	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Sewage Ejector Pump	Under construction	
Sump Pump	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
OUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist	
TXTURES	Inspected	
Staff And Other	Inspected	
Janitor Sink	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	3- 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	
	No deficiencies recorded	
Deficiency		
Student Drinking Fountain	Inspected Inspected	
Condition	3- Fair	
	No deficiencies recorded	
Deficiency		
Lavatory/Sink	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Locker Room Shower	Inspected	
Instance on 1st Floor - Boys	Inaccessible	
Instance on 1st Floor - Girls	Inaccessible	
Sink And Fountain Combo Unit	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Urinal	Inspected	

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

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uestion	Response
FIXTURES	
Student	
Urinal	A.D
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection Instance	Inspected Boiler Room, Boiler Room Mechanical Area
Instance Condition	2- Between Good and Fair
Instance Quantity	1
	EACH
Instance Quantity Uom	2018
Installation Year Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
·	Inspected
HEATING	
Heating Coil In Ductwork Condition	Inspected 3- Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not exist
Radiator/Convector/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	2- Between Good and Fair
Deficiency  Steam supplied by External Sources  Unit Heater/Cabinet Heater  Condition	No deficiencies recorded  Does not exist  Inspected 1- Good

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

Response	
No deficiencies recorded	
Inspected	
<del>-</del>	
Yes	
No	
Webster	
JB3O-75-RM7840L7999-MA-ULAR/BAR	
Oil	
2(B10)	
Inspected	
No deficiencies recorded	
Inspected	
1- Good	
No deficiencies recorded	
Inspected	
1- Good	
No deficiencies recorded	
Inspected	
1- Good	
No deficiencies recorded	
Inspected	
1- Good	
No deficiencies recorded	
Inspected	
2- Between Good and Fair	
No deficiencies recorded	
Inspected	
1- Good	
No deficiencies recorded	
Inspected	
2- Between Good and Fair	
No deficiencies recorded	
Inspected	
Does not exist	
Does not exist	
Does not exist	
	Inspected  Yes No Webster JB3O-75-RM7840L7999-MA-ULAR/BAR Oil 2(B10)  Inspected  Inspected

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

iestion		Response	
HEATING	PLANT		
Boiler Sy			
Steam 1			
	Instance on Basement	Inspected	
	Instance on Basement	Inspected	
	Instance	Boiler Room	
	Instance Condition	1- Good	
	Instance Quantity	5,497	
	Instance Quantity Uom	MBH NET	
	Cast Iron Boiler?	No	
	Manufacturer	Burnham	
	EquipmentId	204249-01	
	Capacity/Size Quantity	7080	
	Capacity/Size UOM	MBH Gross	
	Source of Capacity/Size	Documented	
	Installation Year	2018	
	Source of Installation Year	Custodial Staff	
	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	
	Instance	Boiler Room	
	Instance Condition	1- Good	
	Instance Quantity	5,497	
	Instance Quantity Uom	MBH NET	
	Cast Iron Boiler?	No	
	Manufacturer	Burnham	
	EquipmentId	204250-02	
	Capacity/Size Quantity	7080	
	Capacity/Size UOM	MBH Gross	
	Source of Capacity/Size	Documented 2018	
	Installation Year Source of Installation Year	Custodial Staff	
	Deficiency	No deficiencies recorded	-
	Instance	Boiler Room	
	Instance Condition	1- Good	
	Instance Condition  Instance Quantity	5,497	
		MBH NET	
	Instance Quantity Uom		
	Cast Iron Boiler?  Manufacturer	No Burnham	
	EquipmentId	204251-03	
	Capacity/Size Quantity	7080	
	Capacity/Size UOM	MBH Gross	
	Source of Capacity/Size	Documented	
	Installation Year	2018	
	Source of Installation Year	Custodial Staff	
	Deficiency	No deficiencies recorded	
Fuel Syst			-
	Instance on Basement	Inspected	
-	Fresh Air Louver/Damper	1	
	Instance on Basement	Inspected	
		1- Good	

Automatic

Type

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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	1- Good	
Deficiency	No deficiencies recorded	
Fuel Oil Storage/Supply System		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Gas Trains And Vent At The Boiler		
Instance on Basement	Does not exist	
Enclosed IDF Room	Inspected	
Instance on Rooms 112, 312, 412	Inspected	
Dedicated A/C Equipment	inspected	
Instance on Rooms 112, 312, 412	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DOES NOT EXIST	
Deficiency Location/Instance	Rooms 112, 312, 412	
Deficiency Quantity	3	
Quantity Uom	EACH	
Potential Action	INSTALL	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
KITCHEN	Inspected	
Instance on 1st Floor	Inspected	
CO Detector  Instance on 1st Floor	Lucenceted	
Instance Condition	Inspected 1- Good	
	No deficiencies recorded	
Deficiency	No deficiencies recorded	
Gas System	Torrested	
Instance on 1st Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Grease Trap		
Instance on 1st Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Hood		
Instance on 1st Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork		
Instance on 1st Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan		
Instance on 1st Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Hood Fire Suppression System		

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Question	Response	
KITCHEN		
Hood Fire Suppression System		
Instance on 1st Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Hot Water Temperature Booster		
Instance on 1st Floor	Does not exist	
Kitchen Sink		
Instance on 1st Floor	Inspected	
Instance 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	
Violations	No violations recorded	
MDF Room	Inspected	
Instance on Room 214A	Inspected	
Dedicated A/C Equipment	-	
Instance on Room 214A	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Inspected	
Instance on Room 434	Inspected	
Alternative Use	Yes	
	ies	
Acid Waste Neutralizing Tank Instance on Room 434	Does not exist	
CO Detector	Does not exist	
Instance on Room 434	Not required	
	Not required	
Emergency Shower Instance on Room 434	Does not exist	
	Does not exist	
Eye Wash  Instance on Room 434	Does not exist	
	Does not exist	
Hood Exhaust Ductwork Instance on Room 434	Does not exist	
	Does not exist	
Hood Exhaust Fan Instance on Room 434	Does not exist	
	Does not exist	
Fixed Laboratory Hood  Instance on Room 434	Does not exist	
	Does not exist	
Laboratory Sink	Imamostod	
Instance on Room 434	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit		
Instance on Room 434	Does not exist	
SCIENCE LAB	Inspected	
Instance on Room 428	Inspected	
Alternative Use	No	
Instance on Room 438	Inspected	
Alternative Use	No	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Inspected	

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Question	Response

unicui Inspection		Altt
uestion	Response	
SCIENCE LAB		
Acid Waste Neutralizing Tank		
Instance on Room 428	Does not exist	
Instance on Room 438	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist	
CO Detector		
Instance on Room 428	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE/MISSING	
Deficiency Location/Instance	Room 428	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Instance on Room 438	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE/MISSING	
Deficiency Location/Instance	Room 438	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Not required	
Emergency Shower		
Instance on Room 428	Does not exist	
Instance on Room 438	Does not exist	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist	
Eye Wash		
Instance on Room 428	Does not exist	
Instance on Room 438	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist	
Hood Exhaust Ductwork		
Instance on Room 428	Does not exist	
Instance on Room 438	Does not exist	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist	
Hood Exhaust Fan		
Instance on Room 428	Does not exist	
Instance on Room 438	Does not exist	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist	
Fixed Laboratory Hood		
Instance on Room 428	Does not exist	
Instance on Room 438	Does not exist	
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist	
Laboratory Sink		
Instance on Room 428	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE	

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estion	Response
SCIENCE LAB	
Laboratory Sink	
Deficiency Location/Instance	Room 428
Deficiency Quantity	7
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance on Room 438	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 428	Does not exist
Instance on Room 438	Does not exist
Instance on Rooms 415, 417, 419, 421, 425, 429, 432, 444	Does not exist
SCIENCE PREP ROOM	Inspected
Instance on Room 436	Inspected
Alternative Use	Yes
Acid Waste Neutralizing Tank	
Instance on Room 436	Does not exist
CO Detector	
Instance on Room 436	Not required
<b>Emergency Shower</b>	
Instance on Room 436	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Eye Wash	To deficiences recorded
Instance on Room 436	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	No deficiencies recorded
Instance on Room 436	Inspected
Instance Condition	3- Fair
	No deficiencies recorded
Deficiency	No deficiencies recorded
Hood Exhaust Fan Instance on Room 436	Inspected
Instance on Room 436 Instance Condition	3- Fair
	No deficiencies recorded
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	Y 1
Instance on Room 436	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Room 436	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
	Tio delicionetes recorded
Make-up Air Unit	
Make-up Air Unit Instance on Room 436	Does not exist

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

uestion	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance Deficiency Quantity	Basement - Gas/Water Meter Room C25
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Boiler Room Mechanical Area; Rooms C1, C7, C21, 139
Deficiency Executors instance	(painted, 8)
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	11686866R
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?	Partial
Exhaust Fan	Inspected
Condition	3- Fair 1-25
Approximate Total # of Fans	No deficiencies recorded
Deficiency	
Heating And Ventilating Unit	Inspected 3- Fair
Condition	
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Condition	3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	No
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Does not exist
Unit Ventilator	Inspected

echanical Inspection		X144
Question	Response	
VENTILATION		
Unit Ventilator		
Condition	3- Fair	
Deficiency	No deficiencies recorded	