Building Condition Assessment Survey 2023 - 2024

K434

Mechanical Inspection Asset: CROWN HEIGHTS CHARTER SCHOOLS - BROOKLYN, 1485 PACIFIC STREET, New York, 11214 **Inspection Id** Inspection Type Time In Last Edited ME: K434 Mechanical 2023-11-06 8:03 AM 2023-11-14 4:26 PM Asset Data Question Answer Are there fuel tanks? Yes Total # of above ground tanks 1 Total capacity of all above ground tanks in gal. 500 Total # of below ground tanks 0 0 Total capacity of all below ground tanks in gal. Total # of water main service entries to the asset 3 MERs/Fan Rooms Locations 1st Floor Fire Booster Pump Assembly Room Are there any spaces with Missing or Defective CO Detectors? Location(s) Kitchen, Science Demo Rooms 314, 317, Science Labs 315, 318, 515, 518, 524, Science Prep Rooms 316, 516, 6th Floor Water Heater Room Are there any Emergency Stop Switches with Missing Hammers? No Are there any Painted/Obstructed Sprinkler Heads? No Have any Systems/Major Building Components been upgraded? Yes Systems: DX Split System for Elevator Machine Room Years: Systems: Dry Sprinkler Alarm Valve Assembly (1 of 2) Years: Systems: Compactor 2014 Years: **Priority Condition Priority Priority** Condition Component Location Person(s) Person(s) Title Status **PhotoImage Condition Exist Category** Description Description Notified Affected Last Year? No condition recorded Inspection Question Response Mechanical AIR CONDITIONING Inspected **Chilled Water System** 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 1 - Good Deficiency No deficiencies recorded **Outdoor Unit** Inspected 1 - Good Condition Deficiency No deficiencies recorded **Dry Cooler** Does not Exist Packaged / Rooftop Unit Inspected Instance Lower Roof 2 - Between Good and Fair Instance Condition Instance Quantity **EACH** Instance Quantity Uom

tion	Response
R CONDITIONING	
Packaged / Rooftop Unit	
Source of Heating	Gas
Refrigerant Type Instance Manufacturer	R-410A Energy Conservation Systems Inc.
Equipment	RTU-9
Capacity/Size Quantity	30
Capacity/Size Quantity Capacity/Size UOM	Tons
Source of Capacity/Size	Custodial Staff
Installation Year	2010
Source of Installation	Documented
Deficiency	OVER 20 TONS: DEFECTIVE CONTROLS
Deficiency Location/Instance	Lower Roof
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.
Instance	Main Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Energy Conservation Systems Inc.
Equipment	RTU-1B, RTU-2B
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Custodial Staff
Installation Year	2010
Source of Installation	Documented
Deficiency	No deficiencies recorded Main Roof
Instance Instance Condition	Main Roof 3 - Fair
Instance Condition Instance Quantity	5 - Fair
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	Gas R-410A
Instance Manufacturer	Energy Conservation Systems Inc.
Equipment	RTU-1A, RTU-2A, RTU-3, RTU-4, RTU-5
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Custodial Staff
Installation Year	2010
Source of Installation	Documented
Deficiency	OVER 20 TONS: DEFECTIVE COMPRESSOR
Deficiency Location/Instance	Main Roof
Deficiency Quantity	5

Mechanical Inspection	tion Assessment Survey 2025 - 2024 K43
Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
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	Main Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Energy Conservation Systems Inc.
Equipment	RTU-6
Capacity/Size Quantity	70
Capacity/Size UOM	Tons
Source of Capacity/Size	Custodial Staff
Installation Year	2010
Source of Installation	Documented
Deficiency	OVER 20 TONS: DEFECTIVE CONTROLS
Deficiency Location/Instance	Main Roof
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.
Instance	Main Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Source of Heating Refrigerant Type	Gas
Instance Manufacturer	R-410A
Equipment	Energy Conservation Systems Inc. RTU-7, RTU-8
Equipment Capacity/Size Quantity	40
Capacity/Size Quantity Capacity/Size UOM	Tons
	Custodial Staff
Source of Capacity/Size Installation Year	2010
Source of Installation Deficiency	Documented No deficiencies recorded
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	Does not Exist

chanical Inspection		K43
uestion	Response	
CENTRAL ACID WASTE NEUTRALIZING TANK	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
CLIMATE CONTROL SYSTEM	Inspected	
BMS	Inspected	
Instance	Throughout	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Building Area Covered by Operational System	81-100%	
Installation Year	2010	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Pneumatic System	Does not Exist	
Hybrid System	Does not Exist	
Electric System	Does not Exist	
COMPACTOR	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
CONVEYING	Inspected	
Dumbwaiter	Does not Exist	
Elevator	Inspected	
Are all the existing elevators operable?	Yes	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Escalator	Does not Exist	
Non-auditorium Handicap Lift - Vertical	Inspected	
Are all the existing non-auditorium vertical handicap lifts operable?	Yes	
Condition	2 - Between Good and Fair	
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 Main Room - Atlantic Avenue Side	
Instance Condition	2 - Between Good and Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	SyncroFlo	
Equipment	N/A	
Capacity/Size Quantity	2	
Capacity/Size UOM	Total # Pumps	
Capacity/Size2 Quantity	20	

hanical Inspection	K4
uestion	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Water Main Room - Atlantic Avenue Side
Instance Condition	2 - Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Water Meter Room - Pacific Street Side
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
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
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	6th Floor Water Heater Room
Instance Condition	3 - Fair
Instance Quantity	4
Instance Quantity Uom	EACH
Instance Manufacturer	A.O. Smith
Equipment	HWH #1, HWH #2, HWH #3, HWH #4
Capacity/Size Quantity	1,000
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	2 - Between Good and Fair

chanical Inspection	K43
uestion	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	Inspected
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	INTERIOR FLOOR DRAIN: DEFECTIVE
Deficiency Location/Instance	1st Floor Mens Toilet 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.
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	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.
Deficiency Location/Instance	1st Floor Mens Toilet Room
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	Inspected 2 - Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Does not Exist
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	Inspected
Instance on 2nd Floor - Boys	Inspected
Instance Condition	2 - Between Good and Fair

chanical Inspection		K434
euestion	Response	
FIXTURES		
Student		
Locker Room Shower		
Alternative use	Yes	
Deficiency	No deficiencies recorded	
Instance on 2nd Floor - Girls	Inspected	
Instance Condition	2 - Between Good and Fair	
Alternative use	Yes	
Deficiency	No deficiencies recorded	
Instance on 4th Floor - Boys	Inaccessible	
Instance on 4th Floor - Girls	Inaccessible	
Sink And Fountain Combo Unit	Does not Exist	
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	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
GAS SERVICE	Inspected	
Gas Distribution Piping	Inspected	
Condition	2 - Between Good and 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	Does not Exist	
HEATING		
	Inspected	
Heating Coil In Ductwork	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Hydronic Heating	Does not Exist	
Radiator/Convector/Fin Tube	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Steam Heating	Does not Exist	
Steam supplied by External Sources	Does not Exist	
Unit Heater/Cabinet Heater	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
HEATING PLANT	Does not Exist	
Enclosed IDF Room	Inspected	
Instance on 1st, 2nd, 3rd, 4th, 5th, 6th Floor Telecom Rooms	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on 1st, 2nd, 3rd, 4th, 5th, 6th Floor Telecom Rooms	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DOES NOT EXIST	

nanical Inspection	K4.
estion	Response
Enclosed IDF Room	
Dedicated A/C Equipment	
Deficiency Location/Instance	1st, 2nd, 3rd, 4th, 5th, 6th Floor Telecom Rooms
Deficiency Quantity	6
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.
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	Inspected
Instance on 1st Floor	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Gas System	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	Inspected
Instance on 1st Floor	Inspected

Inspected 3 - Fair No deficiencies recorded	
3 - Fair	
3 - Fair	
Inspected	
Inspected	
2 - Between Good and Fair	
No deficiencies recorded	
Inspected	
Inspected	
Inspected	
-	
3 - Fair	
No deficiencies recorded	
Inspected	
Inspected	
No	
Inspected	
-	
<u> </u>	
EACH	
MAINTENANCE	
_	
No violations recorded.	
Does not Exist	
Does not Exist	
	2 - Between Good and Fair No deficiencies recorded Inspected Inspected Inspected Inspected Inspected 3 - Fair No deficiencies recorded Inspected Inspected Inspected Inspected Inspected Inspected No Inspected Yes Does not Exist Does not Exist Does not Exist Not Required Inspected 4 - Between Fair and Poor DEFECTIVE/MISSING Rooms 314, 317 2 EACH MAINTENANCE PRIORITY 5 LEVEL 6 No photo recorded No violations recorded. Does not Exist

echanical Inspection		K434
Question	Response	
SCIENCE DEMO ROOM		
Fixed Laboratory Hood	Does not Exist	
Instance on Rooms 314, 317	Does not Exist	
Laboratory Sink	Inspected	
Instance on Rooms 514, 517	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 314, 317	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Rooms 514, 517	Does not Exist	
Instance on Rooms 314, 317	Does not Exist	
SCIENCE LAB	Inspected	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Alternative use	No	
Instance on Room 320	Inspected	
Alternative use	Yes	
	Does not Exist	
Acid Waste Neutralizing Tank Instance on Room 320	Does not Exist Does not Exist	
Instance on Rooms 315, 318, 515, 518, 524	Does not Exist	
CO Detector	Not Required	
Instance on Room 320	Not Required	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DEFECTIVE/MISSING	
Deficiency Location/Instance	Rooms 315, 318, 515, 518, 524	
Deficiency Quantity	5	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Emergency Shower	Inspected	
Instance on Room 320	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Eye Wash	Inspected	
Instance on Room 320	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork	Inspected	
Instance on Room 320	Inspected	
Instance on Room 520	Inspected	

chanical Inspection		K43
Question	Response	
SCIENCE LAB		
Hood Exhaust Ductwork		
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan	Inspected	
Instance on Room 320	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Fixed Laboratory Hood	Inspected	
Instance on Room 320	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Laboratory Sink	Inspected	
Instance on Room 320	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Instance on Rooms 315, 318, 515, 518, 524	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Room 320	Does not Exist	
Instance on Rooms 315, 318, 515, 518, 524	Does not Exist	
SCIENCE PREP ROOM	Inspected	
Instance on Rooms 316, 516	Inspected	
Alternative use	No	
Acid Waste Neutralizing Tank	Does not Exist	
Instance on Rooms 316, 516	Does not Exist Does not Exist	
· · · · · · · · · · · · · · · · · · ·		
CO Detector	Inspected	
Instance on Rooms 316, 516	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DEFECTIVE/MISSING	
Deficiency Location/Instance	Rooms 316, 516	
Deficiency Quantity	2	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Emergency Shower	Does not Exist	
Instance on Rooms 316, 516	Does not Exist	

stion	Response
CIENCE PREP ROOM	
Eye Wash	Does not Exist
Instance on Rooms 316, 516	Does not Exist
Hood Exhaust Ductwork	Does not Exist
Instance on Rooms 316, 516	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Rooms 316, 516	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Rooms 316, 516	Does not Exist
Laboratory Sink	Inspected
Instance on Rooms 316, 516	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	No deficiencies recorded Does not Exist
Instance on Rooms 316, 516	Does not Exist Does not Exist
PRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Wet Sprinkler Alarm Valve Assembly	Does not Exist
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	3 - Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Standpipe System	Inspected
Hose Valve Assembly	Inspected
Condition	2 - Between Good and Fair
Deficiency	FIRE HOSE IMPROPERLY RACKED OR ROLLED
Deficiency Location/Instance	Stair A/3
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.
Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

Building Condition Assessment Survey 2023 - 2024

K434 Mechanical Inspection Question Response SWIMMING POOL Does not Exist VENTILATION Inspected Is the building mechanically ventilated? Yes **Exhaust Fan** Inspected Approximate Total # of Fans 1-25 2 - Between Good and Fair Condition Deficiency No deficiencies recorded **Heating And Ventilating Unit** Does not Exist **Metal Ductwork** Inspected Are there any uninsulated ductwork by design in Mechanical No Are there chain operated dampers? No Condition 2 - Between Good and Fair Deficiency No deficiencies recorded **Supply Fan** Does not Exist **Unit Ventilator** Does not Exist