

**NYC Department of Education
Building Condition Assessment Survey 2023-2024**

Mechanical Inspection

X127


Asset: **I.S. 127 - BRONX, 1560 PURDY STREET, BRONX, NY, 10462**

Inspection Id	Inspection Type	Time In	Last Edited
2357	MECHANICAL	2024-01-11 07:01AM	2024-06-20 03:06PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Water Service (2 of 3); Electric Domestic Water Heaters (temporary); Student Fixtures - Toilets (~10%) Years: 2023 Systems: Sewage Ejector Pumps (2 of 4) Years: 2022 Systems: DX Split Systems for Auditorium (6 of 7) Years: 2020 Systems: Student Fixtures - Toilets (~90%); Staff Fixtures - Toilets Years: 2016 Systems: Kitchen - Grease Trap (1 of 2) Years: 2015 Systems: Enclosed IDF Room - Dedicated A/C Equipment: Room 138 (DX Split System); MDF Room - Dedicated A/C Equipment (DX Split System) Years: 2014
Are there fuel tanks?	No
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	Original Building - Basement Mechanical Area, Gymnasium MER; Fan Room inside Room 147, Fan Room 230 (above Auditorium), Penthouse Fan Room; Building Addition - MER B4
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Science Demo Rooms 254, 354, Science Lab Room 152
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B7, 119, 120, 152, 154, 154A (painted, 37)
Are there any Emergency Stop Switches with Missing Hammers?	No components

Priority Condition

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
Yes	Defective Sprinkler/Standpipe System	Sprinkler Heads Capped (12)	Sprinkler Head	Rooms 147, 149	Gilberto Dominguez	Fireman	

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
Condition	1- Good
Deficiency	No deficiencies recorded

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Question	Response
AIR CONDITIONING	
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	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	
	Does not exist
CLIMATE CONTROL SYSTEM	
	Under construction
COMPACTOR	
	Does not exist
CONVEYING	
	Inspected
Dumbwaiter	Does not exist
Elevator	Inspected
Condition	3- Fair
Are all the existing elevators operable?	Yes
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	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	Does not exist
Water Service	Inspected
Instance	Original Building - Basement by Purdy Avenue, Basement Mechanical Area by St. Raymond Avenue
Instance Condition	1- Good
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Original Building - Basement by Purdy Avenue, Basement Mechanical Area by St. Raymond Avenue
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Original Building - Basement by Purdy Avenue
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Original Building - Basement by Purdy Avenue
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Violations	No violations recorded
Domestic Hot Water System	
Domestic Hot Water Remote Storage Tank	
	Under construction
Domestic Water Heat Exchanger	
	Does not exist
Electric Domestic Water Heater	
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	
	Under construction
Oil Fired Domestic Water Heater	
	Does not exist
Heat Pump Domestic Water Heater	
	Does not exist
Domestic Water Distribution Piping	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Sewage/Waste/Vent Piping	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Sewage Ejector Pump	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Sump Pump	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
	Does not exist
FIXTURES	
Staff And Other	
	Inspected
Janitor Sink	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Urinal	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	CRACKED/PHYSICAL DAMAGE
Deficiency Quantity	Kitchen - Men Toilet Room
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
Student	
	Inspected
Drinking Fountain	
Condition	Inspected
	3- Fair

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Question	Response
FIXTURES	
Student	
Drinking Fountain	
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Quantity	Cafeteria
Quantity Uom	1
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
Locker Room Shower	
Instance on 1st Floor - Boys	Inspected
	Inaccessible
Sink And Fountain Combo Unit	
	Does not exist
Toilet	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	DEFECTIVE FLUSHOMETER VALVE
Deficiency Quantity	Girls Toilet Room 344
Quantity Uom	1
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
Urinal	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	DEFECTIVE FLUSHOMETER VALVE
Deficiency Quantity	Boy's Toilet Room 112
Quantity Uom	2
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
GAS FIRED FURNACE	
	Does not exist
GAS SERVICE	
	Inspected
Gas Distribution Piping	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Gas Meter Room Exhaust Fan	
	Does not exist
Gas Meter Room Vent	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Gas Pressure Booster	
	Under construction
CO/Gas Leak Detection	
	Under construction
HEATING	
	Inspected
Heating Coil In Ductwork	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Hydronic Heating	
	Does not exist
Radiator/Convactor/Fin Tube	
	Inspected

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Question	Response
HEATING	
Radiator/Convactor/Fin Tube	
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Under construction
MER Steam and Condensate Piping	Under construction
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Under construction
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Under construction
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	Inspected
Instance on Original Building - Basement	Under construction
Instance on Building Addition - Basement	Under construction
Enclosed IDF Room	Inspected
Instance on Building Addition - Room 138	Inspected
Instance on Original Building - Room 208A	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 138	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Original Building - Room 208A	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Original Building - Room 208A
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
KITCHEN	Inspected
Instance on Basement	Inspected
CO Detector	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	

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Question	Response
KITCHEN	
Hood	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on Basement	Does not exist
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	Missing Air Gap
Deficiency Location/Instance	Kitchen
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
MDF Room	
Instance on Building Addition - Room 238	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 238	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance on Room 246	Inspected
Alternative Use	Yes
Instance on Rooms 254, 354	Inspected
Alternative Use	No
Instance on Rooms 250, 350	Inaccessible
Acid Waste Neutralizing Tank	
Instance on Room 246	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Rooms 254, 354	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 246	Not required
Instance on Rooms 254, 354	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING

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Question	Response
SCIENCE DEMO ROOM	
CO Detector	
Deficiency Location/Instance	Rooms 254, 354
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Emergency Shower	
Instance on Room 246	Does not exist
Instance on Rooms 254, 354	Does not exist
Eye Wash	
Instance on Room 246	Does not exist
Instance on Rooms 254, 354	Does not exist
Hood Exhaust Ductwork	
Instance on Room 246	Does not exist
Instance on Rooms 254, 354	Does not exist
Hood Exhaust Fan	
Instance on Room 246	Does not exist
Instance on Rooms 254, 354	Does not exist
Fixed Laboratory Hood	
Instance on Room 246	Does not exist
Instance on Rooms 254, 354	Does not exist
Laboratory Sink	
Instance on Room 246	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Rooms 254, 354	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 246	Does not exist
Instance on Rooms 254, 354	Does not exist
SCIENCE LAB	
Instance on Room 152	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 152	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 152	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Room 152
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 on Room 152	Does not exist
Eye Wash	

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Question	Response
SCIENCE LAB	
Eye Wash	
Instance on Room 152	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room 152	Does not exist
Hood Exhaust Fan	
Instance on Room 152	Does not exist
Fixed Laboratory Hood	
Instance on Room 152	Does not exist
Laboratory Sink	
Instance on Room 152	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 152	Does not exist
SCIENCE PREP ROOM	
Instance on Room 150	Inspected
Instance on Room 252	Inaccessible
Instance on Room 252	Inspected
Alternative Use	Yes
Instance on Room 352	Inspected
Alternative Use	Yes
Acid Waste Neutralizing Tank	
Instance on Room 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 352	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 252	Not required
Instance on Room 352	Not required
Emergency Shower	
Instance on Room 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 352	Does not exist
Eye Wash	
Instance on Room 252	Does not exist
Instance on Room 352	Does not exist
Hood Exhaust Ductwork	
Instance on Room 252	Does not exist
Instance on Room 352	Does not exist
Hood Exhaust Fan	
Instance on Room 252	Does not exist
Instance on Room 352	Does not exist
Fixed Laboratory Hood	
Instance on Room 252	Does not exist
Instance on Room 352	Does not exist
Laboratory Sink	
Instance on Room 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
SCIENCE PREP ROOM	
Laboratory Sink	
Instance on Room 352	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 252	Does not exist
Instance on Room 352	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	Rooms 147, 149 (sprinkler heads capped)
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Rooms B7, 119, 120, 152, 154, 154A (painted, 37)
Deficiency Quantity	37
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
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?	Partial
Exhaust Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
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	Boy's Gymnasium, Girl's Gymnasium
Deficiency Quantity	4

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Question	Response
VENTILATION	
Metal Ductwork	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE/DETERIORATED DUCTWORK
Deficiency Location/Instance	Room 229
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	Does not exist