

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

Mechanical Inspection

X148

Asset: I.S. 219 (OLD 148) - BRONX, 3630 THIRD AVENUE, BRONX, NY, 10456

Inspection Id	Inspection Type	Time In	Last Edited
4234	MECHANICAL	2024-03-26 08:51AM	2024-05-13 11:31AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Sump Pumps; Sewage Ejector Pumps; Steam Condensate Return Pumping Systems; Boiler #2 re-tubed; Kitchen Grease Trap Years: 2023 Systems: F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps Years: 2020 Systems: Drinking Fountains (~85%) Years: 2018 Systems: Enclosed IDF Room - Dedicated A/C Equipment (DX Split System); Electric Domestic Water Heater for the Medical Clinic Years: 2017 Systems: Climate Control System: Temperature Control Thermostats (~75%), Terminal Unit Control Valves (~50%), Terminal Unit Controllers; Water Service (1 of 3); Students Fixtures - Toilets; Staff Fixtures - Toilets, Urinal; MDF Room - Dedicated A/C Equipment (DX Split System) Years: 2015
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	20,000
Total # of below ground tanks	0
Total capacity of all below ground tanks in gal.	0
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	Basement - Boiler Room Mechanical Area, MER B14, South MER
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Boiler Room, Kitchen
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B8, 107, 243, 375 (painted, 12)
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
		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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	2- Between Good and Fair
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	
Condition	3- Fair
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	
	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
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	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
Condition	4- Between Fair and Poor
Are all the existing sidewalk elevators operable?	No
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	Crawlspace below Gymnasium - 169th Street Side, Basement - Water Meter Room B2
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Deficiency Location/Instance	Crawlspace below Gymnasium - 169th Street Side, Basement - Water Meter Room B2
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Basement - Water Meter Room B2
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement - Water Meter Room B2
Deficiency Quantity	1
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 Remote Storage Tank	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Electric Domestic Water Heater	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Rheem / Ruud
EquipmentId	N/A
Capacity/Size Quantity	399
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2012
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	DEFECTIVE DOMESTIC HOT WATER CIRCULATING PUMP
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1

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DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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	SEWAGE/WASTE PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement - Water Meter Room B2
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage Ejector Pump	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Sump Pump	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Does not exist	
FIXTURES	
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
Deficiency	No deficiencies recorded
Student	
Inspected	
Drinking Fountain	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
Locker Room Shower	
Inspected	
Instance on 1st Floor - Girls	Inaccessible
Sink And Fountain Combo Unit	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
FIXTURES	
Student	
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	4- Between Fair and Poor
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boy's Toilet Rooms 124, 351, 451
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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
CO/Gas Leak Detection	Does not exist
HEATING	
Heating Coil In Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER B14 @ Auditorium Blower, South MER @ Gymnasium Blower #6
Deficiency Quantity	50
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	MER B14 @ Auditorium Blower
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3

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Question	Response
HEATING	
Steam Heating	
MER Steam and Condensate Piping	
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Piping	
Inspected	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	
Inspected	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Piping	
Inspected	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	
Inspected	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam supplied by External Sources	
Does not exist	Does not exist
Unit Heater/Cabinet Heater	
Does not exist	Does not exist
HEATING PLANT	
Inspected	Inspected
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Johnson Burner
Burner Model	BA534
Burner Type	Oil
Heating Plant Oil Number	2
Boiler Auxiliaries	
Inspected	Inspected
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Inspected	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE BOILER FEEDWATER PIPING
Deficiency Location/Instance	Boiler Room @ Boiler #2
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Emergency Stop Switch	
Inspected	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Does not exist	Does not exist
Instance on Basement	Does not exist
Boiler Feedwater Treatment(Automatic)	
Does not exist	Does not exist
Instance on Basement	Does not exist
Boiler Flue Exhaust	
Inspected	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Does not exist	Does not exist
Instance on Basement	Does not exist
Boiler Room Steam And Condensate Piping	

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HEATING PLANT	
Boiler Auxiliaries	
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler System	
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 on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	5,422
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Pacific National
EquipmentId	53067-1
Capacity/Size Quantity	7200
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	Inspector Estimate
Installation Year	1967
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	5,422
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Pacific National
EquipmentId	53067-2
Capacity/Size Quantity	7200
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	Inspector Estimate
Installation Year	1967
Source of Installation Year	Documented
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	10
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Instance Quantity	5,422
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Pacific National
EquipmentId	53067-3
Capacity/Size Quantity	7200
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	Inspector Estimate
Installation Year	1967
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fuel System	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	3- Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
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	
Instance on Room 184B	Inspected
Dedicated A/C Equipment	
Instance on Room 184B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance 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
Violations	No violations recorded
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	

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Question	Response
KITCHEN	
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
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	
Instance on 1st Floor	Does not exist
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	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 4
Violations	SF100222
MDF Room	
Instance on Room 150	Inspected
Dedicated A/C Equipment	
Instance on Room 150	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Does not exist	
SCIENCE LAB	
Inspected	
Instance on Rooms 427, 485	Inspected
Alternative Use	No
Instance on Rooms 433, 435, 448, 456, 475, 479	Inspected
Alternative Use	Yes
Acid Waste Neutralizing Tank	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
CO Detector	
Instance on Rooms 427, 485	Not required
Instance on Rooms 433, 435, 448, 456, 475, 479	Not required
Emergency Shower	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
Eye Wash	

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Question	Response
SCIENCE LAB	
Eye Wash	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
Hood Exhaust Ductwork	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
Hood Exhaust Fan	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
Fixed Laboratory Hood	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
Laboratory Sink	
Instance on Rooms 427, 485	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Rooms 427, 485
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance on Rooms 433, 435, 448, 456, 475, 479	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Rooms 427, 485	Does not exist
Instance on Rooms 433, 435, 448, 456, 475, 479	Does not exist
SCIENCE PREP ROOM	
Instance on Room 447	Inspected
Alternative Use	Yes
Acid Waste Neutralizing Tank	
Instance on Room 447	Does not exist
CO Detector	
Instance on Room 447	Not required
Emergency Shower	
Instance on Room 447	Does not exist
Eye Wash	
Instance on Room 447	Does not exist
Hood Exhaust Ductwork	
Instance on Room 447	Does not exist
Hood Exhaust Fan	
Instance on Room 447	Does not exist
Fixed Laboratory Hood	
Instance on Room 447	Does not exist
Laboratory Sink	
Instance on Room 447	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 447	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
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 B8, 107, 243, 375 (painted, 12)
Deficiency Quantity	12
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	26-50
Deficiency	DEFECTIVE
Deficiency Location/Instance	Gymnasium Roof / Exhaust Fan; Main Roof / Exhaust Fan # 15, 22, 35, 37, 39, 43
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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?	Yes
Deficiency	No deficiencies recorded
Supply Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Library
Deficiency Quantity	1
Quantity Uom	EACH

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VENTILATION	
Unit Ventilator	
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
