

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

Mechanical Inspection

**K050**

**Asset: J.H.S. 50 - BROOKLYN, 183 SOUTH 3RD STREET, New York, 11211**

Inspection Id	Inspection Type	Time In	Last Edited
ME : K050	Mechanical	2024-01-31 8:24 AM	2024-04-20 9:50 AM

**Asset Data**

Question	Answer
Are there fuel tanks?	No
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	Boiler Room MER, Fan Room B13
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Emergency Stop Switches with Missing Hammers?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B2, B11, B18, 101, 102, 111, 124, 126, 211
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Kitchen - Hood Exhaust Fan
	Years: 2021
	Systems: Steam Condensate Return Pumping System (1 of 2)
	Years: 2018
	Systems: Fixtures - Student: Lavatory/Sinks (50%), Toilets (50%), Urinals (50%); Fixtures - Staff And Other: Toilets
	Years: 2015
	Systems: DX Split System for Camera Room 232
	Years: 2013

**Priority Condition**

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No condition recorded								

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Inspected
<b>Chilled Water System</b>	Does not Exist
<b>Condenser Water Distribution: Piping, Pumps and Auxiliaries</b>	Does not Exist
<b>Cooling Coil in Ductwork</b>	Does not Exist
<b>Cooling Tower</b>	Does not Exist
<b>DX Split System</b>	Inspected
<b>Indoor Unit</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Outdoor Unit</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Dry Cooler</b>	Does not Exist
<b>Packaged / Rooftop Unit</b>	Does not Exist
<b>Packaged Terminal A/C</b>	Does not Exist
<b>Refrigerant Leak Detection System</b>	Does not Exist
<b>Refrigerant Piping</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Return Fan</b>	Does not Exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>CLIMATE CONTROL SYSTEM</b>	Under Construction
<b>COMPACTOR</b>	Does not Exist
<b>CONVEYING</b>	Inspected
<b>Dumbwaiter</b>	Inspected
Are all the existing dumbwaiters operable?	No
Condition	4 - Between Fair and Poor
Deficiency	No deficiencies recorded
<b>Elevator</b>	Does not Exist
<b>Escalator</b>	Does not Exist
<b>Non-auditorium Handicap Lift - Vertical</b>	Does not Exist
<b>Non-auditorium Handicap Lift - Stair</b>	Does not Exist
<b>Ash Hoist</b>	Does not Exist
<b>Sidewalk Elevator</b>	Does not Exist
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>Domestic Cold Water System</b>	Inspected
<b>Gravity System</b>	Does not Exist
<b>Pressure Booster System</b>	Inspected
<b>Electric Pressure Booster System</b>	Inspected
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Liquitrol
Equipment	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	15
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
<b>Hydraulic/Pneumatic Booster System</b>	Does not Exist
<b>Water Service</b>	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
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

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Water Service</b>	
Violations	No violations recorded.
Instance	Fan Room B13 (Domestic Water)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Fan Room B13
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	Fan Room B13 (Sprinkler )
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DEFECTIVE VALVE
Deficiency Location/Instance	Fan Room B13
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 4
Deficiency Photo1	No photo recorded
Violations	11639718N
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Fan Room B13
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.
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Does not Exist
<b>Domestic Water Heat Exchanger</b>	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	200
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3

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<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Hot Water System</b>	
<b>Domestic Water Heat Exchanger</b>	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	TANK RUSTY/LEAKS
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Electric Domestic Water Heater</b>	Under Construction
<b>Heat Pump Domestic Water Heater</b>	Under Construction
<b>Gas Fired Domestic Water Heater</b>	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Laars
Equipment	N/A
Capacity/Size Quantity	750
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	1985
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
<b>Oil Fired Domestic Water Heater</b>	Does not Exist
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	
<b>Interior Storm Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Sewage/Waste/Vent Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Sewage Ejector Pump</b>	Does not Exist
<b>Sump Pump</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	Does not Exist

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<b>Question</b>	<b>Response</b>
<b>FIXTURES</b>	Inspected
<b>Staff And Other</b>	Inspected
<b>Janitor Sink</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Student</b>	Inspected
<b>Drinking Fountain</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
<b>Lavatory/Sink</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Locker Room Shower</b>	Inspected
Instance on 4th Floor - Boys	Inspected
Instance Condition	3 - Fair
Alternative use	Yes
Deficiency	No deficiencies recorded
Instance on 4th Floor - Girls	Inspected
Instance Condition	3 - Fair
Alternative use	Yes
Deficiency	No deficiencies recorded
<b>Sink And Fountain Combo Unit</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	Does not Exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>GAS SERVICE</b>	
<b>Gas Distribution Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Does not Exist
<b>Gas Meter Room Vent</b>	Does not Exist
<b>Gas Pressure Booster</b>	Does not Exist
<b>CO/Gas Leak Detection</b>	Does not Exist
<b>HEATING</b>	
<b>Heating Coil In Ductwork</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Fan Room B13/Auditorium RH Coil, Kitchen Supply RH Coil
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.
<b>Hydronic Heating</b>	Does not Exist
<b>Radiator/Convactor/Fin Tube</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Heating</b>	Inspected
<b>F&amp;T/Steam Drip Trap</b>	Under Construction
<b>MER Steam and Condensate Piping</b>	Under Construction
<b>Steam Condensate Return Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Condensate Return Pumping System</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Steam Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Terminal Unit Thermostatic Trap</b>	Under Construction
<b>Steam supplied by External Sources</b>	Does not Exist
<b>Unit Heater/Cabinet Heater</b>	Does not Exist
<b>HEATING PLANT</b>	
Replacement Uom	MBH Net
Instance on Sub - Basement	Under Construction
<b>Enclosed IDF Room</b>	Inspected
Instance on Rooms 303B, 414, 513	Inspected
<b>Dedicated A/C Equipment</b>	Inspected
Instance on Rooms 303B, 414, 513	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Rooms 303B, 414, 530

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Question	Response
<b>Enclosed IDF Room</b>	
<b>Dedicated A/C Equipment</b>	
Deficiency Quantity	3
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.
<b>KITCHEN</b>	Inspected
Instance on 1st Floor	Inspected
<b>CO Detector</b>	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas System</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Grease Trap</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Hood</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Fan</b>	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Hood Fire Suppression System</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Hot Water Temperature Booster</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Kitchen Sink</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>MDF Room</b>	Inspected
Instance on Room 234	Inspected
<b>Dedicated A/C Equipment</b>	Inspected
Instance on Room 234	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not Exist
<b>SCIENCE LAB</b>	Inspected
Instance on Room 523	Inspected

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Question	Response
<b>SCIENCE LAB</b>	
Alternative use	No
<b>Acid Waste Neutralizing Tank</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>CO Detector</b>	Inspected
Instance on Room 523	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Emergency Shower</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Eye Wash</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Fan</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fixed Laboratory Hood</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Laboratory Sink</b>	Inspected
Instance on Room 523	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Make-up Air Unit</b>	Does not Exist
Instance on Room 523	Does not Exist
<b>SCIENCE PREP ROOM</b>	
Instance on Room 521	Inspected
Alternative use	No
<b>Acid Waste Neutralizing Tank</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>CO Detector</b>	Inspected
Instance on Room 521	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Emergency Shower</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded



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Question	Response
<b>SCIENCE PREP ROOM</b>	
<b>Eye Wash</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Fan</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fixed Laboratory Hood</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Laboratory Sink</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Make-up Air Unit</b>	Inspected
Instance on Room 521	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Dry Sprinkler Alarm Valve Assembly</b>	Does not Exist
<b>Wet Sprinkler Alarm Valve Assembly</b>	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Fan Room B13
Deficiency Quantity	1
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.
<b>Fire Booster Pump Assembly</b>	Does not Exist
<b>Roof Tank</b>	Does not Exist
<b>Siamese Connection</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Sprinkler Head</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Rooms B2, B11, 101, 102, 111, 124, 126, 211
Deficiency Quantity	39
Quantity Uom	EACH
Potential Action	REPLACE

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<b>Question</b>	<b>Response</b>
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Sprinkler Head</b>	
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Room B18
Deficiency Quantity	9
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	11639718N
<b>Sprinkler Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Standpipe System</b>	Does not Exist
<b>Water Gong</b>	Does not Exist
<b>SWIMMING POOL</b>	Does not Exist
<b>VENTILATION</b>	Inspected
Is the building mechanically ventilated?	Partial
<b>Exhaust Fan</b>	Inspected
Approximate Total # of Fans	26-50
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Heating And Ventilating Unit</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Metal Ductwork</b>	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	Yes
Are there chain operated dampers?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Supply Fan</b>	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Unit Ventilator</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded