

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

Mechanical Inspection

**K137**

**Asset:** P.S. 137 - BROOKLYN, 121 SARATOGA AVENUE, New York, 11233

Inspection Id	Inspection Type	Time In	Last Edited
ME : K137	Mechanical	2024-02-15 8:21 AM	2024-04-29 1:33 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.	3,000
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	2
MERs/Fan Rooms Locations	Attic Gravity Roof Tank Room
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?	No
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Gas Fired Domestic Water Heater; Domestic Hot Water Remote Storage Tanks
	Years: 2024
	Systems: F&T/Steam Drip Traps, Terminal Unit Thermostatic Traps
	Years: 2022
	Systems: Boiler Make-up Water Backflow Preventer
	Years: 2021
	Systems: Electric Domestic Water Heater in Boiler Room (1 of 2)
	Years: 2020
	Systems: DX Split Systems for Cafeteria and Basement Multipurpose Room; Climate Control System - Pneumatic System: Temperature Control Thermostats (90%); Climate Control System - Electric System
	Years: 2018
	Systems: Electric Domestic Water Heater in Kitchen (1 of 2); Kitchen - Grease Trap
	Years: 2017
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2016

**Priority Condition**

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Other	Gas Pressure Regulator vent piping is corroded potentially leaking in Gas Meter Room	Gas Regulator Vent Piping	Gas Meter Room	Lashawn Gaines	Fireman	Sent to DSF	
No	Other	CO/Gas Gas Leak Detection System turned off due to nuisance alarm from gas buildup in the poorly ventilated boiler room.	CO/Gas Leak Detection	Boiler Room	Lashawn Gaines	Fireman	Sent to DSF	
No	Defective CO/Gas Leak Detection	System Shutdown	GAS SERVICE   CO/Gas Leak Detection	Boiler Room, Gas Meter Room	Lashawn Gaines	Fireman	Resolved	

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Yes	Other	Corroded vent pipe	GAS SERVICE   Gas Meter Room Vent	Gas Meter Room	Lashawn Gaines Fireman	Resolved
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Inspection

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	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
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
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not Exist
<b>CLIMATE CONTROL SYSTEM</b>	Inspected
<b>BMS</b>	Does not Exist
<b>Pneumatic System</b>	Inspected
Instance	Throughout (except Rooms 201, 202, 209, 210, 302, 304, 307, 311, 402, 408, 411, 4th Floor Multipurpose Room)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Room 103
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.
<b>Hybrid System</b>	Does not Exist
<b>Electric System</b>	Inspected
Instance	Rooms 201, 202, 209, 210, 302, 304, 307, 311, 402, 408, 411, 4th Floor Multipurpose Room

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Question	Response
<b>CLIMATE CONTROL SYSTEM</b>	
<b>Electric System</b>	
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
<b>COMPACTOR</b>	
	Does not Exist
<b>CONVEYING</b>	
	Does not Exist
<b>DOMESTIC WATER SYSTEM</b>	
	Inspected
<b>Domestic Cold Water System</b>	
	Inspected
<b>Gravity System</b>	
	Inspected
<b>Supply Pump</b>	
	Does not Exist
<b>Roof Tank</b>	
	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Attic Gravity Roof Tank Room
Deficiency Quantity	2
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>Pressure Booster System</b>	
	Inspected
<b>Electric Pressure Booster System</b>	
	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pump
Equipment	N/A
Capacity/Size Quantity	3
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	15
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2000
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>Hydraulic/Pneumatic Booster System</b>	
	Does not Exist
<b>Water Service</b>	
	Inspected
Instance	Basement Multipurpose Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Basement Cafeteria
Instance Condition	3 - Fair

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Question	Response
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Water Service</b>	
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	RPZ: DEFECTIVE
Deficiency Location/Instance	Basement Cafeteria / Continuously Dripping
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.
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Domestic Water Heat Exchanger</b>	Does not Exist
<b>Electric Domestic Water Heater</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Heat Pump Domestic Water Heater</b>	Does not Exist
<b>Gas Fired Domestic Water Heater</b>	Inspected
Instance	Boiler Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	RayPak
Equipment	N/A
Capacity/Size Quantity	650
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2024
Source of Installation	Documented
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>	Inspected
<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

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<b>Question</b>	<b>Response</b>
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<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
<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	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Locker Room Shower</b>	Does not Exist
<b>Sink And Fountain Combo Unit</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>GAS FIRED FURNACE</b>	Does not Exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Vent</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Gas Pressure Booster</b>	Inspected

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Question	Response
<b>GAS SERVICE</b>	
<b>Gas Pressure Booster</b>	
Instance	Gas Meter Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Eclipse
Equipment	N/A
Capacity/Size Quantity	12,000
Capacity/Size UOM	SCFH
Source of Capacity/Size	Inspector Estimate
Installation Year	2000
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>CO/Gas Leak Detection</b>	
Inspected	
Instance	Boiler Room, Gas Meter Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2000
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>HEATING</b>	
Inspected	
<b>Heating Coil In Ductwork</b>	
Does not Exist	
<b>Hydronic Heating</b>	
Does not Exist	
<b>Radiator/Convactor/Fin Tube</b>	
Inspected	
Condition	3 - Fair
Deficiency	RADIATOR/CONVECTOR: DEFECTIVE
Deficiency Location/Instance	Room 201
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.
<b>Steam Heating</b>	
Inspected	
<b>F&amp;T/Steam Drip Trap</b>	
Inspected	
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>MER Steam and Condensate Piping</b>	
Does not Exist	
<b>Steam Condensate Return Piping</b>	
Inspected	
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room adjacent to CO/Gas Leak Detection Panel
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3

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Question	Response
<b>HEATING</b>	
<b>Steam Heating</b>	
<b>Steam Condensate Return Piping</b>	Inspected
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Steam Condensate Return Pumping System</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Terminal Unit Thermostatic Trap</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Steam supplied by External Sources</b>	Does not Exist
<b>Unit Heater/Cabinet Heater</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	Inspected
Replacement Quantity	4,130
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational?	Yes
Burner Exists?	Yes
Burner Manufacturer	Iron Fireman
Burner Model Number	AG0-2-4.2RK
<b>Boiler Auxiliaries</b>	Inspected
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Flue Exhaust</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler Auxiliaries</b>	
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Safety Valve</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler System</b>	
Instance on Basement	Inspected
<b>Coal-fired Boiler</b>	
Instance on Basement	Does not Exist
<b>Hot Water Boiler</b>	
Instance on Basement	Does not Exist
<b>Modular Boiler</b>	
Instance on Basement	Does not Exist
<b>Steam Boiler</b>	
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	2,065
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	Kewanee Boiler Corporation
Equipment	9530-01
Capacity/Size Quantity	2,660
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2000
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	2,065
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	Kewanee Boiler Corporation
Equipment	9530-02
Capacity/Size Quantity	2,660
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2000
Source of Installation	Documented
Deficiency	No deficiencies recorded



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<b>HEATING PLANT</b>	
<b>Fuel System</b>	Inspected
Instance on Basement	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Do Boiler Combustion Air Louvers exist?	Yes
Type	Automatic
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE DAMPER
Deficiency Location/Instance	Boiler 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.
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Enclosed IDF Room</b>	Does not Exist
<b>KITCHEN</b>	Inspected
Instance on Basement	Inspected
<b>CO Detector</b>	Not Required
Instance on Basement	Not Required
<b>Gas System</b>	Does not Exist
Instance on Basement	Does not Exist
<b>Grease Trap</b>	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood</b>	Does not Exist
Instance on Basement	Does not Exist
<b>Hood Exhaust Ductwork</b>	Does not Exist
Instance on Basement	Does not Exist
<b>Hood Exhaust Fan</b>	Does not Exist
Instance on Basement	Does not Exist
<b>Hood Fire Suppression System</b>	Does not Exist
Instance on Basement	Does not Exist
<b>Hot Water Temperature Booster</b>	Does not Exist
Instance on Basement	Does not Exist

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Question	Response
<b>KITCHEN</b>	
<b>Kitchen Sink</b>	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>MDF Room</b>	Inspected
Instance on Room 409	Inspected
<b>Dedicated A/C Equipment</b>	Inspected
Instance on Room 409	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not Exist
<b>SCIENCE LAB</b>	Does not Exist
<b>SCIENCE PREP ROOM</b>	Does not Exist
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</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	1-25
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?	No
Are there chain operated dampers?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Supply Fan</b>	Does not Exist
<b>Unit Ventilator</b>	Does not Exist