

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Asset: I.S./H.S. 336 - QUEENS, 124-06 14TH AVENUE, New York, 11356

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q336	Mechanical	2023-11-01 8:10 AM	2024-01-19 2:41 PM

Asset Data

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	0
Total capacity of all above ground tanks in gal.	0
Total # of below ground tanks	1
Total capacity of all below ground tanks in gal.	5,000
Total # of water main service entries to the asset	1
MERs/Fan Rooms Locations	None
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Science Labs 328, 330
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: 2023
	Systems: Elevator
	Years: 2022
	Systems: Sewage Ejector Pump (1 of 2)
	Years: 2021
	Systems: Steam Boiler (1 of 2); Boiler Emergency Stop Switch; Boiler Make-up Water Backflow Preventer; Boiler Safety Valves; Burner/Burner Control Panel (1 of 2); Radiator/Convactor/Fin Tubes (50%); F&T/Steam Drip Traps (50%); Steam Condensate Return Pumping System
	Years: 2019

Priority Condition

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Defective Boiler Safety Auxiliary	Defective Low-Water Cut-off	HEATING PLANT Boiler System Steam Boiler	Boiler Room / Boiler #2	Michael Sarrocco Jr.	Custodian	Resolved	
No	Defective Fire/Smoke Damper	Fire Damper is stuck in closed position	VENTILATION Metal Ductwork	Original Building Roof / RTU-1	Michael Sarrocco Jr.	Custodian	Resolved	
No	Defective Boiler Safety Auxiliary	Missing Knob at Water Column Assembly	HEATING PLANT Boiler System Steam Boiler	Boiler Room / Boiler #1	Michael Sarrocco Jr.	Custodian	Sent to DSF	

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

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
AIR CONDITIONING	
DX Split System	
Indoor Unit	
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	Inspected
Instance	Original Building Roof
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Trane
Equipment	RTU-2
Capacity/Size Quantity	27
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2018
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition Roof
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Trane
Equipment	RTU-1
Capacity/Size Quantity	23
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2018
Source of Installation	Documented
Deficiency	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
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Does not Exist
Hybrid System	Does not Exist
Electric System	Inspected

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
CLIMATE CONTROL SYSTEM	
Electric System	
Instance	Throughout (Heat Timer)
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
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	1 - Good
Deficiency	No deficiencies recorded
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Inspected
Are all the existing non-auditorium handicap stair lifts operable?	Yes
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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	Room B12
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pump
Equipment	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	10
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2018
Source of Installation	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Room B11C
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Deficiency Location/Instance	Room B11C
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.
Domestic Hot Water System	
	Inspected
Domestic Hot Water Remote Storage Tank	
	Does not Exist
Domestic Water Heat Exchanger	
	Does not Exist
Electric Domestic Water Heater	
	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	
	Does not Exist
Heat Pump Domestic Water Heater	
	Does not Exist
Oil Fired Domestic Water Heater	
	Does not Exist
Domestic Water Distribution Piping	
	Inspected
Condition	3 - Fair
Deficiency	No deficiencies 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	INTERIOR FLOOR DRAIN: DEFECTIVE
Deficiency Location/Instance	Girls Toilet Room B20
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	
	Inspected
Condition	1 - Good
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance	Room B27
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.

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Sump Pump	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	1 - Good
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Corridors near Rooms 110, 128, 230, 310
Deficiency Quantity	4
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.
Lavatory/Sink	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Does not Exist
Toilet	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
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

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

Mechanical Inspection

Q336

Question	Response
GAS SERVICE	Inspected
CO/Gas Leak Detection	Does not Exist
HEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convactor/Fin Tube	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Does not Exist
Steam Condensate Return Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	1 - Good
Deficiency	DEFECTIVE
Deficiency Location/Instance	Stair D/Basement (coil leaks)
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.
HEATING PLANT	Inspected
Replacement Quantity	4,158
Replacement Uom	MBH Net
Instance on Sub-Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	2(B10)
Is there a water meter on the boiler make-up water piping?	No
Burner Exists?	Yes
Burner Manufacturer	Carlin
Burner Model Number	1050FFD
Boiler Auxiliaries	Inspected
Instance on Sub-Basement	Inspected
Boiler Auxiliary Piping	
Instance on Sub-Basement	Inspected

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Auxiliary Piping	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Sub-Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Sub-Basement	Does not Exist
Boiler Feedwater Treatment(Automatic)	
Instance on Sub-Basement	Does not Exist
Boiler Flue Exhaust	
Instance on Sub-Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Sub-Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Sub-Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Boiler System	
Instance on Sub-Basement	Inspected
Coal-fired Boiler	
Instance on Sub-Basement	Does not Exist
Hot Water Boiler	
Instance on Sub-Basement	Does not Exist
Modular Boiler	
Instance on Sub-Basement	Does not Exist
Steam Boiler	
Instance on Sub-Basement	Inspected
Instance	Boiler Room
Instance Condition	1 - Good
Instance Quantity	2,079
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	207387-02
Capacity/Size Quantity	2,079
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2019

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Source of Installation	Documented
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
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	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	2,079
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	102265-01
Capacity/Size Quantity	2,079
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1999
Source of Installation	Documented
Deficiency	RUSTED CASING
Deficiency Quantity	5
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, WATER COLUMN ASSEMBLY
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.
Fuel System	Inspected
Instance on Sub-Basement	Inspected
Boiler Fresh Air Louver/Damper	
Do Boiler Combustion Air Louvers exist?	Yes
Type	Mechanical
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
HEATING PLANT	
Fuel System	
Burner/Burner Control Panel	
Instance on Sub-Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Sub-Basement	Does not Exist
Enclosed IDF Room	
Instance on Room B10	Inspected
Dedicated A/C Equipment	
Instance on Room B10	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	
Instance on Basement	Inspected
CO Detector	
Instance on Basement	Not Required
Gas System	
Instance on Basement	Does not Exist
Grease Trap	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Basement	Does not Exist
Hood Exhaust Fan	
Instance on Basement	Does not Exist
Hood Fire Suppression System	
Instance on Basement	Does not Exist
Hot Water Temperature Booster	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Kitchen Sink	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 214	Inspected
Dedicated A/C Equipment	
Instance on Room 214	Inspected

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
MDF Room	Inspected
Dedicated A/C Equipment	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Inspected
Instance on Room 330	Inspected
Alternative use	No
Instance on Room 328	Inspected
Alternative use	No
Acid Waste Neutralizing Tank	Inspected
Instance on Room 328	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Instance on Room 330	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
CO Detector	Inspected
Instance on Room 328	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Room 328
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.
Instance on Room 330	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Room 330
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.
Emergency Shower	Inspected
Instance on Room 328	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Instance on Room 330	Does not Exist
Eye Wash	Inspected
Instance on Room 328	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Instance on Room 330	Inspected

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
SCIENCE LAB	Inspected
Eye Wash	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Does not Exist
Instance on Room 328	Does not Exist
Instance on Room 330	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Room 328	Does not Exist
Instance on Room 330	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Room 328	Does not Exist
Instance on Room 330	Does not Exist
Laboratory Sink	Inspected
Instance on Room 328	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Instance on Room 330	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Make-up Air Unit	Does not Exist
Instance on Room 328	Does not Exist
Instance on Room 330	Does not Exist
SCIENCE PREP ROOM	Inspected
Instance on Room 326	Inspected
Alternative use	No
Acid Waste Neutralizing Tank	Does not Exist
Instance on Room 326	Does not Exist
CO Detector	Not Required
Instance on Room 326	Not Required
Emergency Shower	Inspected
Instance on Room 326	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Eye Wash	Inspected
Instance on Room 326	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Does not Exist
Instance on Room 326	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Room 326	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Room 326	Does not Exist
Laboratory Sink	Inspected
Instance on Room 326	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Make-up Air Unit	Does not Exist

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q336

Question	Response
SCIENCE PREP ROOM	Inspected
Make-up Air Unit	
Instance on Room 326	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Does not Exist
SWIMMING POOL	Does not Exist
VENTILATION	Inspected
Is the building mechanically ventilated?	Partial
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	1 - Good
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	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