

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

Mechanical Inspection

X039


Asset: NEW SCH FOR ARTS AND SCIENCE - BRONX, 965 LONGWOOD AVENUE, BRONX, NY, 10459

Inspection Id	Inspection Type	Time In	Last Edited
3157	MECHANICAL	2024-02-12 07:52AM	2024-03-22 01:27PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Drinking Fountains (~20%) Years: 2023 Systems: Steam Condensate Return Pumping System Years: 2022 Systems: Non-auditorium Handicap Lift - Vertical; Packaged Terminal A/C for Room 101 Years: 2020 Systems: Drinking Fountains (~50%) Years: 2019 Systems: MDF Room - Dedicated A/C Equipment (1 of 2, Window A/C) Years: 2018 Systems: Student Fixtures - Lavatory/Sinks (~90%), Toilets (~50%), Urinals (~50%) Years: 2017 Systems: Climate Control System - Pneumatic System: Air Compressor, Refrigerated Air Dryers, PRV Station, Temperature Control Thermostats Years: 2016 Systems: F&T/Steam Drip Traps; Boiler Emergency Stop Switch Years: 2014
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.	10,000
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	Sub-Basement MER
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Storage Room B3 (painted, 2)
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	Defective	Dry Sprinkler Alarm Valve Assembly	Room B1	Ahmed Salih	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	Does not exist
Dry Cooler	Does not exist

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

Mechanical Inspection

X039

Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	Inspected
Instance	Cafeteria Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	N/A
Capacity/Size Quantity	35
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1997
Source of Installation Year	Custodial Staff
Source of Heating	Gas
Refrigerant Type	R-22
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Refrigerant Leak Detection System	Does not exist
Refrigerant Piping	Does not exist
Return Fan	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout (except Student Toilet Rooms),Boy's Toilet Room 104A
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
Hybrid System	Does not exist
Electric System	Inspected
Instance	Student Toilet Rooms except Boy's Toilet Room 104A
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
Instance	Throughout (Heat Timer System)
Instance Condition	3- 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	Does not exist
Escalator	Does not exist
Non-auditorium Handicap Lift - Vertical	Inspected
Condition	1- Good
Are all the existing non-auditorium vertical handicap lifts operable?	Yes

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

Mechanical Inspection

X039

Question	Response
CONVEYING	
Non-auditorium Handicap Lift - Vertical	
Deficiency	No deficiencies recorded
Non-auditorium Handicap Lift - Stair	Does not exist
Ash Hoist	Does not exist
Sidewalk Elevator	Does not exist
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Does not exist
Water Service	Inspected
Instance	Sub-Basement - Sprinkler/Water Meter Room, Area by Beck Street
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not exist
Sump Pump	Inspected
Condition	3- 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	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Inspected	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	
Inspected	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	
Does not exist	
Student	
Inspected	
Drinking Fountain	
Inspected	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Inspected	
Condition	1- Good
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	3rd Floor Boy's Toilet Room
Deficiency Quantity	1

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

Mechanical Inspection

X039

Question	Response
FIXTURES	
Student	
Lavatory/Sink	
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Basemen Boy's Toilet Room
Deficiency Quantity	3
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	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
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
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	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

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

Mechanical Inspection

X039

Question	Response
HEATING	
Steam Heating	
Terminal Unit Thermostatic Trap	
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Instance on Sub-Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Industrial Combustion
Burner Model	DEG-63P
Burner Type	Oil
Heating Plant Oil Number	4
Boiler Auxiliaries	
Instance on Sub-Basement	Inspected
Boiler Auxiliary Piping	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Sub-Basement	Inspected
Instance 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
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE RPZ
Deficiency Location/Instance	Boiler Room @ Boiler #1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Room Steam And Condensate Piping	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler System	
Instance on Sub-Basement	Inspected

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

Mechanical Inspection

X039

Question	Response
HEATING PLANT	
Boiler System	
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 on Sub-Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	3,898
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	2107-01
Capacity/Size Quantity	3898
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1991
Source of Installation Year	Documented
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DAMAGED CASING
Deficiency Quantity	10
Quantity Uom	S.F.
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
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
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	3,898
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	2107-02
Capacity/Size Quantity	3898
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1991
Source of Installation Year	Documented

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

Mechanical Inspection

X039

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
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
Violations	No violations recorded
Deficiency	DAMAGED CASING
Deficiency Quantity	10
Quantity Uom	S.F.
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel System	
Instance on Sub-Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Sub-Basement	Inspected
Instance 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 Rooms inside Rooms 111, 211, 311	Inspected
Dedicated A/C Equipment	
Instance on Rooms inside Rooms 111, 211, 311	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Rooms inside Rooms 111, 211, 311
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
KITCHEN	
	Inspected

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

Mechanical Inspection

X039

Question	Response
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
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on Basement	Does not exist
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	Does not exist
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	MISSING INDIRECT WASTE
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
MDF Room	Inspected
Instance on Room B6	Inspected
Dedicated A/C Equipment	
Instance on Room B6	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room B6 (1 of 2, Window A/C; 1 of 2, DX Split System)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
SCIENCE DEMO ROOM	Does not exist
SCIENCE LAB	Inspected
Instance on Room 301	Inspected
Alternative Use	Yes
Instance on Room 302	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 301	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 302	Inspected

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

Mechanical Inspection

X039

Question	Response
SCIENCE LAB	
Acid Waste Neutralizing Tank	
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 301	Not required
Instance on Room 302	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Room 301	Does not exist
Instance on Room 302	Does not exist
Eye Wash	
Instance on Room 301	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 302	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room 301	Does not exist
Instance on Room 302	Does not exist
Hood Exhaust Fan	
Instance on Room 301	Does not exist
Instance on Room 302	Does not exist
Fixed Laboratory Hood	
Instance on Room 301	Does not exist
Instance on Room 302	Does not exist
Laboratory Sink	
Instance on Room 301	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 302	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 301	Does not exist
Instance on Room 302	Does not exist
SCIENCE PREP ROOM	
Instance on Room 302A	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Eye Wash	

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

Mechanical Inspection

X039

Question	Response
SCIENCE PREP ROOM	
Eye Wash	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Room 302A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 302A	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Dry Sprinkler Alarm Valve Assembly	
Condition	Inspected
Deficiency	4- Between Fair and Poor
Deficiency Location/Instance	DEFECTIVE
Deficiency Quantity	Room B1
Quantity Uom	1
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 5
Violations	LEVEL 6
	14063256H
Wet Sprinkler Alarm Valve Assembly	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	
	Does not exist
Roof Tank	
	Does not exist
Siamese Connection	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Head	
Condition	Inspected
Deficiency	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Storage Room B3 (painted, 2)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Sprinkler Piping	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X039

Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Standpipe System	Does not exist
Water Gong	Does not exist
SWIMMING POOL	
	Does not exist
VENTILATION	
Is the building Mechanically ventilated?	Inspected Partial
Exhaust Fan	
Condition	Inspected
Approximate Total # of Fans	3- Fair 1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	Roof / EF #5 (belt)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	
Condition	Inspected 2- Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room B3 (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Metal Ductwork	
Condition	Inspected 3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	No
Deficiency	No deficiencies recorded
Supply Fan	
Condition	Inspected 3- Fair
Approximate Total # of Fans	1-5
Deficiency	NOT IN USE
Deficiency Location/Instance	Sub-Basement MER / Auditorium BL (1 of 1)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Unit Ventilator	
	Does not exist