

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

Mechanical Inspection

X988

Asset: LAFAYETTE ACADEMIES - BRONX, 1231 LAFAYETTE AVENUE, BRONX, NY, 10474

Inspection Id	Inspection Type	Time In	Last Edited
754	MECHANICAL	2023-11-06 11:40AM	2024-02-13 02:34PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
Are there fuel tanks?	No
Total # of water main service entries to the asset	0
MERs/Fan Rooms Locations	MERs 113B, 118
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Janitor Closet B12; MER 113B (obstructed, 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
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
Dry Cooler	Does not exist
Packaged / Rooftop Unit	Inspected
Instance	MER 113B
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Mammoth
EquipmentId	AHU-2
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2013
Source of Installation Year	Documented
Source of Heating	N/A
Refrigerant Type	R-410A
Deficiency	No deficiencies recorded
Instance	MER 118
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Mammoth
EquipmentId	AHU-1
Capacity/Size Quantity	10

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2013
Source of Installation Year	Documented
Source of Heating	N/A
Refrigerant Type	R-410A
Deficiency	No deficiencies recorded
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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	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%
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Pneumatic System	Does not exist
Hybrid System	Does not exist
Electric System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Does not exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Does not exist
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
Oil Fired Domestic Water Heater	Does not exist
Heat Pump Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	1- Good
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	1- Good
Deficiency	No deficiencies recorded

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sewage Ejector Pump	Does not exist
Sump Pump	Does not exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
FIXTURES	
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	2- Between Good and 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	CLOGGED/LEAKING
Deficiency Location/Instance	Toilet Room 116; Custodian Office - Toilet Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies 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	Does not exist
GAS FIRED FURNACE	
GAS SERVICE	
HEATING	
Heating Coil In Ductwork	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Hydronic Heating	Inspected
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Backflow Preventer	Does not exist
Hot Water Heat Exchanger	Does not exist
Radiator/Convactor/Fin Tube	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2- Between Good and Fair

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Question	Response
HEATING	
Steam Heating	
F&T/Steam Drip Trap	
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Does not exist
Steam Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Does not exist
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
HEATING PLANT	Does not exist
Enclosed IDF Room	Does not exist
KITCHEN	Does not exist
MDF Room	Inspected
Instance on Room 113D	Inspected
Dedicated A/C Equipment	
Instance on Room 113D	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not exist
SCIENCE LAB	Inspected
Instance on Room 111A	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 111A	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 111A	Not required
Emergency Shower	
Instance on Room 111A	Does not exist
Eye Wash	
Instance on Room 111A	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room 111A	Does not exist
Hood Exhaust Fan	
Instance on Room 111A	Does not exist
Fixed Laboratory Hood	
Instance on Room 111A	Does not exist
Laboratory Sink	
Instance on Room 111A	Inspected
Instance Condition	2- Between Good and Fair

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Question	Response
SCIENCE LAB	
Laboratory Sink	
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 111A	Does not exist
SCIENCE PREP ROOM	Inspected
Instance on Room 111B	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 111B	Does not exist
CO Detector	
Instance on Room 111B	Not required
Emergency Shower	
Instance on Room 111B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Eye Wash	
Instance on Room 111B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room 111B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room 111B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Room 111B	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room 111B
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Laboratory Sink	
Instance on Room 111B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 111B	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not exist
Wet Sprinkler Alarm Valve Assembly	Does not exist
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Does not exist
Sprinkler Head	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Janitor Closet B19; MER 111B (obstructed 2)

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SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Sprinkler Head	
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	1- Good
Standpipe System	
Condition	Inspected
Deficiency	No deficiencies recorded
Hose Valve Assembly	
Condition	Inspected
Deficiency	3- Fair
Piping	
Condition	Inspected
Deficiency	3- Fair
Water Gong	
Condition	Does not exist
SWIMMING POOL	
Condition	Does not exist
VENTILATION	
Is the building Mechanically ventilated?	Inspected
Exhaust Fan	Yes
Exhaust Fan	
Condition	Inspected
Approximate Total # of Fans	2- Between Good and Fair
Deficiency	1-25
Heating And Ventilating Unit	
Condition	No deficiencies recorded
Metal Ductwork	
Condition	Does not exist
Are there any uninsulated ductwork by design in Mechanical rooms?	Inspected
Are there chain operated dampers?	1- Good
Deficiency	No
Deficiency Location/Instance	No
Deficiency Quantity	DAMAGED/MISSING INSULATION
Quantity Uom	MRE 118
Potential Action	10
Urgency of Action	L.F.
Purpose of Action	MAINTENANCE
Violations	PRIORITY 3
	LEVEL 2
	No violations recorded
Supply Fan	
Condition	Does not exist
Unit Ventilator	
Condition	Does not exist