

**NYC Department of Education
Building Condition Assessment Survey 2018-2019**

Mechanical Inspection

X465

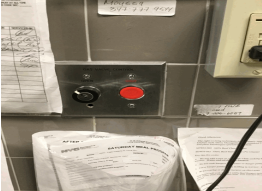

School: **EAGLE ACADEMY FOR YOUNG MEN - BRONX, 4143 3RD AVENUE, BRONX, NY, 10457**

InspectionId	Inspection Type	Time In	Last Edited
4587	MECHANICAL	2019-05-08 08:33AM	2019-06-25 12:08AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	275
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	Water Service Room B12D, Ejector Room B12E, MER 429, PH MER
Are there any spaces with Missing or Defective CO Detectors?	Science Lab 425
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	Defective Kitchen Gas System	Defective Shut-Off Switch	Gas System	Kitchen	Brandon Aviles	Handyman	
Yes	Other	Flue Exhaust Collar poorly attached	Other (PBS Related)	Penthouse - Hot Water Heater Room	Brandon Aviles	Handyman	

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
Dry Cooler	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
Packaged / Rooftop Unit	Inspected
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	RTU-1

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Capacity/Size Quantity	130
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	RTU-2
Capacity/Size Quantity	58
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	RTU-3
Capacity/Size Quantity	60
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	RTU-4
Capacity/Size Quantity	80
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	RTU-5
Capacity/Size Quantity	60
Capacity/Size UOM	Tons

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	OVER 20 TONS:REFRIGERANT LEAKS
Deficiency Location/Instance	Roof
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Packaged Terminal A/C	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	Inspected
Instance	Throughout
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	0-20%
Installation Year	2010
Source of Installation Year	Documented
Deficiency	DEFECTIVE SYSTEM
Deficiency Location/Instance	Throughout
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Electric System	Does not exist
Hybrid System	Does not exist
Pneumatic System	Does not exist
COMPACTOR	Inspected
Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 135A
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
CONVEYING	Inspected
Ash Hoist	Does not exist
Dumbwaiter	Does not exist
Elevator	Inspected
Condition	1- Good

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Question	Response
CONVEYING	
Elevator	
Are all the existing elevators operable?	No
Deficiency	No deficiencies recorded
Escalator	Does not exist
Non-auditorium Handicap Lift - Stair	Does not exist
Non-auditorium Handicap Lift - Vertical	Does not exist
Sidewalk Elevator	Does not exist
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Water Service Room B12D
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Federal Pump
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	6
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected
Instance	Water Service Room B12D
Instance Condition	1- Good
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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	Inspected
Instance	PH MER
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	495
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2010

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Source of Installation Year	Documented
Deficiency	DEFECTIVE FLUE EXHAUST
Deficiency Location/Instance	PH MER
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Oil Fired Domestic Water Heater	
	Does not exist
Domestic Water Distribution Piping	
	Inspected
Condition	1- Good
Deficiency	DEFECTIVE BACKFLOW PREVENTER
Deficiency Location/Instance	Room 309C
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
	Inspected
Interior Storm Piping	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sewage Ejector Pump	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sump Pump	
	Does not exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
	Does not exist
Enclosed IDF Room	
Instance on Room B12B	Inspected
Dedicated A/C Equipment	
Instance on Room B12B	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
FIXTURES	
	Inspected
Staff And Other	
	Inspected
Janitor Sink	
	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Room 109C
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lavatory/Sink	
	Inspected

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Question	Response
FIXTURES	
Staff And Other	
Lavatory/Sink	
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	CLOGGED/LEAKING
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Corridor across Rooms 105, 305; Gymnasium
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Locker Room Shower	
Instance on Inside Room B10	Inaccessible
Instance Quantity	1
Instance Quantity Uom	EACH
Instance on Inside Room B6	Inaccessible
Instance Quantity	1
Instance Quantity Uom	EACH
Sink And Fountain Combo Unit	
	Does not exist
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boy's Toilet Room 401
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	
	Does not exist
GAS SERVICE	
	Inspected

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Question	Response
GAS SERVICE	
CO/Gas Leak Detection	Inspected
Instance	Building Exterior - Gas Meter Room; PH MER
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2010
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Gas Distribution Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not exist
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Inspected
Instance	Building Exterior - Gas Meter Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Spencer
EquipmentId	N/A
Capacity/Size Quantity	1
Capacity/Size UOM	HP
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator/Convactor/Fin Tube	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Heating	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
KITCHEN	
Instance on 2nd Floor	Inspected
CO Detector	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on 2nd Floor	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE SHUT-OFF SWITCH
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5

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Question	Response
KITCHEN	
Gas System	
Purpose of Action	LEVEL 6
Violations	No violations recorded
Grease Trap	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Kitchen Sink	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 309D	Inspected
Dedicated A/C Equipment	
Instance on Room 309D	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
	Does not exist
SCIENCE LAB	
Instance on Room 425	Inspected
Alternative Use	No
Instance on Rooms 323	Inspected
Alternative Use	No
Instance on Room 325	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 425	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 323	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
SCIENCE LAB	
Acid Waste Neutralizing Tank	
Instance on Room 325	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 425	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Room 425
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Instance on Rooms 323	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 325	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Room 425	Does not exist
Instance on Rooms 323	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 325	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Eye Wash	
Instance on Room 425	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 323	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room 323
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance on Room 325	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Room 425	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 323	Does not exist
Instance on Room 325	Does not exist
Hood Exhaust Ductwork	

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Question	Response
SCIENCE LAB	
Hood Exhaust Ductwork	
Instance on Room 425	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 323	Does not exist
Instance on Room 325	Does not exist
Hood Exhaust Fan	
Instance on Room 425	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 323	Does not exist
Instance on Room 325	Does not exist
Laboratory Sink	
Instance on Room 425	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 323	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 325	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 425	Does not exist
Instance on Rooms 323	Does not exist
Instance on Room 325	Does not exist
SCIENCE PREP ROOM	
Instance on Room 423	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Eye Wash	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair

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Question	Response
SCIENCE PREP ROOM	
Hood Exhaust Ductwork	
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Room 423	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 423	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not exist
Fire Booster Pump Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Standpipe System	Does not exist
Water Gong	Does not exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SWIMMING POOL	
	Does not exist
VENTILATION	
	Inspected
Exhaust Fan	Inspected
Condition	1- Good
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Roof / GX-3, TX
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist