

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

Mechanical Inspection

X884

School: HEALTH OPPORTUNITIES HS - X, 350 GERARD AVENUE, BRONX, NY, 10451

InspectionId	Inspection Type	Time In	Last Edited
1375	MECHANICAL	2019-01-11 11:39AM	2019-03-13 06:01PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Water Service (1 of 2); Kitchen - Hot Water Temperature Booster Years: 2015 Systems: CO/Gas leak Detection Years: 2010
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	MERs C1, 371A
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
Dry Cooler	Does not exist
DX Split System	Does not exist
Packaged / Rooftop Unit	Inspected
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	3
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	HVAC-1, HVAC-3, HVAC-8
Capacity/Size Quantity	35
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1995
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	3
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	HVAC-2, HVAC-5, HVAC-13
Capacity/Size Quantity	15
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Installation Year	1995
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	7
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	HVAC-4, HVAC-6, HVAC-7, HVAC-9, HVAC-10, HVAC-11, HVAC-14
Capacity/Size Quantity	20
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1995
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	HVAC-12, HVAC-15
Capacity/Size Quantity	40
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1995
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Does not exist
Refrigerant Piping	Does not exist
Return Fan	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Electric System	Inspected
Instance	Throughout (VAV Electric System)
Instance Condition	3- 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
Pneumatic System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected
Ash Hoist	Does not exist
Dumbwaiter	Does not exist
Elevator	Inspected

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Question	Response
CONVEYING	
Elevator	
Condition	3- Fair
Are all the existing elevators operable?	Yes
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	MER C1
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	SyncroFlo
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	15
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	1995
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected
Instance	MER C1
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	MER 371A
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	MER 371A (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Domestic Water Heat Exchanger	Does not exist
Electric Domestic Water Heater	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	MER 371A

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	745
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not exist
Sewage/Waste/Vent Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sump Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Enclosed IDF Room	Does not exist
Instance on Room 255B	Inspected
Dedicated A/C Equipment	
Instance on Room 255B	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
FIXTURES	
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
FIXTURES	
Student	
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Locker Room Shower	
Instance on 3rd Floor - Girls	Inspected
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Alternative Use	Yes
Deficiency	No deficiencies recorded
Instance on 3rd Floor - Boys	Inaccessible
Instance Quantity	1
Instance Quantity Uom	EACH
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
CO/Gas Leak Detection	Inspected
Instance	MER 371A, Gas Meter Room 371B
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2010
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Gas Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator/Convactor/Fin Tube	Does not exist
Steam Heating	Does not exist
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	Does not exist
KITCHEN	
Instance on 3rd Floor	Inspected
CO Detector	

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KITCHEN	
CO Detector	
Instance on 3rd Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Gas System	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on 3rd Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Kitchen Sink	
Instance on 3rd Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 233	Inspected
Dedicated A/C Equipment	
Instance on Room 233	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance on Room 200N	Inspected
Alternative Use	No
Instance on Rooms 200S, 241	Inspected
Alternative Use	No
Instance on Room 254	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist

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SCIENCE DEMO ROOM	
Acid Waste Neutralizing Tank	
Instance on Room 254	Does not exist
CO Detector	
Instance on Room 200N	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Rooms 200S, 241	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room 254	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist
Instance on Room 254	Does not exist
Eye Wash	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist
Instance on Room 254	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist
Instance on Room 254	Does not exist
Hood Exhaust Ductwork	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist
Instance on Room 254	Does not exist
Hood Exhaust Fan	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist
Instance on Room 254	Does not exist
Laboratory Sink	
Instance on Room 200N	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Rooms 200S, 241	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 254	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 200N	Does not exist
Instance on Rooms 200S, 241	Does not exist
Instance on Room 254	Does not exist
SCIENCE LAB	
Instance on Rooms 244, 252	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	

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Question	Response
SCIENCE LAB	
Acid Waste Neutralizing Tank	
Instance on Rooms 244, 252	Does not exist
CO Detector	
Instance on Rooms 244, 252	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Rooms 244, 252	Does not exist
Eye Wash	
Instance on Rooms 244, 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Rooms 244, 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Rooms 244, 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Rooms 244, 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Rooms 244, 252	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Rooms 244, 252	Does not exist
SCIENCE PREP ROOM	
Instance on Room 248	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 248	Does not exist
CO Detector	
Instance on Room 248	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Emergency Shower	
Instance on Room 248	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Eye Wash	
Instance on Room 248	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fixed Laboratory Hood	
Instance on Room 248	Does not exist
Hood Exhaust Ductwork	
Instance on Room 248	Does not exist
Hood Exhaust Fan	

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Question	Response
SCIENCE PREP ROOM	
Hood Exhaust Fan	
Instance on Room 248	Does not exist
Laboratory Sink	
Instance on Room 248	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 248	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Dry Sprinkler Alarm Valve Assembly	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Standpipe System	Inspected
Hose Valve Assembly	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Water Gong	Does not exist
Wet Sprinkler Alarm Valve Assembly	Does not exist
SWIMMING POOL	
	Does not exist
VENTILATION	
	Inspected
Exhaust Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	26-50
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist