

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

Mechanical Inspection

X879

School: **WINGS ACADEMY - X, 1122 EAST 180 STREET, BRONX, NY, 10460**

InspectionId	Inspection Type	Time In	Last Edited
4549	MECHANICAL	2019-05-07 08:54AM	2019-05-11 12:14PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Gas Fired Domestic Water Heater Years: 2014 Systems: Unit Heater/Cabinet Heaters Years: 2015
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	500
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	Kitchen - Water Heater Room
Are there any spaces with Missing or Defective CO Detectors?	Kitchen - Water Heater Room, Science Labs
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 Kitchen Hood Fire Suppression System	N/A	Hood Fire Suppression System	Kitchen	Isaac Jimenez	Custodian	No Photo Taken

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	Main Roof
Instance Condition	3- Fair
Instance Quantity	5
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	#2, #8, #9, #11, #16
Capacity/Size Quantity	15
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Main Roof
Instance Condition	3- Fair
Instance Quantity	4
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	#1, #4, #6, #7
Capacity/Size Quantity	13

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AIR CONDITIONING	
Packaged / Rooftop Unit	
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Main Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	#10
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Main Roof
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	#3, #5
Capacity/Size Quantity	8
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Lower Roof
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	#14, #15
Capacity/Size Quantity	15
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
Instance	Lower Roof
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	#12, #13
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Installation Year	1994
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	Does not exist
CLIMATE CONTROL SYSTEM	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected
Ash Hoist	Does not exist
Dumbwaiter	Does not exist
Elevator	Inspected
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	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Does not exist
Water Service	Inspected
Instance	Basement
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Room 102 - Sprinkler Closet
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	Does not exist
Domestic Water Heat Exchanger	Does not exist
Electric Domestic Water Heater	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Inspected
Instance	Kitchen - Water Heater Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A.O. Smith
EquipmentId	N/A
Capacity/Size Quantity	75
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	74

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2014
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	
	Does not exist
Domestic Water Distribution Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
	Inspected
Interior Storm Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Sewage Ejector Pump	
	Does not exist
Sewage/Waste/Vent Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Sump Pump	
	Does not exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
	Does not exist
Enclosed IDF Room	
	Does not exist
FIXTURES	
	Inspected
Staff And Other	
	Inspected
Janitor Sink	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Urinal	
	Does not exist
Student	
	Inspected
Drinking Fountain	
Condition	Inspected
Deficiency	3- Fair
	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Corridor near Room 136
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	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Locker Room Shower	
	Does not exist
Sink And Fountain Combo Unit	
	Does not exist
Toilet	
Condition	Inspected
	3- Fair

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Question	Response
FIXTURES	
Student	
Toilet	
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	Does not exist
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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator/Convactor/Fin Tube	Inspected
Condition	4- Between Fair and Poor
Deficiency	FIN TUBE:DEFECTIVE
Deficiency Location/Instance	Stairs
Deficiency Quantity	40
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected

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Question	Response
KITCHEN	
Hood	
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 1st Floor	Inspected
Instance Condition	5- Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Hot Water Temperature Booster	
Instance on 1st Floor	Does not exist
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 208	Inspected
Dedicated A/C Equipment	
Instance on Room 208	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
	Does not exist
SCIENCE LAB	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Rooms 112, 127, 211, 222, 227
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded

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Question	Response
SCIENCE LAB	
Emergency Shower	
Instance on Rooms 112, 127, 211, 222, 227	Does not exist
Eye Wash	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Rooms 112, 127, 211, 222, 227
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fixed Laboratory Hood	
Instance on Rooms 112, 127, 211, 222, 227	Does not exist
Hood Exhaust Ductwork	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room 222
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hood Exhaust Fan	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Rooms 112, 127, 211, 222, 227	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Rooms 127, 211, 222
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Make-up Air Unit	
Instance on Rooms 112, 127, 211, 222, 227	Does not exist
SCIENCE PREP ROOM	
	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Dry Sprinkler Alarm Valve Assembly	
	Does not exist
Fire Booster Pump Assembly	
	Does not exist
Roof Tank	
	Does not exist
Siamese Connection	
Condition	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Head	
Condition	3- Fair

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SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Sprinkler Head	
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not exist
Water Gong	Does not exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 102 - Sprinkler Closet
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Exhaust Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist