

**NYC Department of Education
Building Condition Assessment Survey 2010-2011**

Mechanical Inspection

X839

School: BRONX HS FOR THE VISUAL ARTS - X, 2040 ANTIN PLACE, BRONX, NY, 10462

InspectionId	Inspection Type	Time In	Last Edited
1640036	MECHANICAL	2010-10-12 08:04AM	2010-11-21 09:48PM

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

Priority Condition

Condition Description	Component Affected	Location Description	Person(s) Notified
Defective CO/Gas leak detection panel	CO/Gas leak detection system	Basement	Michael Carroll (custodian)

Inspection

Question	Response
MECHANICAL	
AIR CONDITIONING	Inspected
CHILLED WATER SYSTEM	Does not exist
CONDENSER WATER PIPING	Does not exist
CONDENSER WATER PUMP	Does not exist
COOLING COILS IN DUCTWORK	Does not exist
COOLING TOWER	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	Carrier
EquipmentId	RTU-1 & RTU-8
Capacity/Size	25 Tons each
Installation Year	2005
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	4
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	RTU-2, RTU-3, RTU-6, RTU-9
Capacity/Size	10 Tons each
Installation Year	2004
Source of Installation Year	Documented
Deficiency	UP TO 20 TONS:DEFECTIVE EVAP FAN
Deficiency Location/Instance	Roof/ RTU-2 defective fan variable frequency drive (VFD)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE

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Question	Response
AIR CONDITIONING	
PACKAGED / ROOFTOP UNIT	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	RTU-4
Capacity/Size	20 Tons
Installation Year	2004
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	3
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	RTU-7, RTU-10, RTU-12
Capacity/Size	12.5 Tons each
Installation Year	2004
Source of Installation Year	Documented
Deficiency	UP TO 20 TONS:DEFECTIVE EVAP FAN
Deficiency Location/Instance	Roof/ RTU-7 defective fan variable frequency drive (VFD)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	RTU-11
Capacity/Size	8.5 Tons
Installation Year	2004
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	RTU-5
Capacity/Size	N/A
Installation Year	2004
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
PACKAGED TERMINAL A/C	Does not exist
REFRIGERANT PIPING	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded

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Question	Response
AIR CONDITIONING	
RETURN FAN	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
DDC SYSTEM	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%
Deficiency	DEFECTIVE
Deficiency Location/Instance	Throughout (DDC computer in custodian's office)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE VAV BOX
Deficiency Location/Instance	Various locations
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	MAINTENANCE
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	Does not exist
CONVEYING	Inspected
ASH HOIST	Does not exist
DUMBWAITERS	Does not exist
ELEVATORS	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
ESCALATORS	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
Service Piping (Water Main)	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Water Main - Double Check Valve	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Water Main - RPZ	Does not exist
DOMESTIC HOT WATER SYSTEM	Inspected

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Question	Response
DOMESTIC WATER SYSTEM	
DOMESTIC HOT WATER SYSTEM	
Domestic Hot Water Circulating Pump	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Domestic Hot Water Remote Storage Tank	Does not exist
Domestic Water Heat Exchanger	Does not exist
Electric Domestic Water Heater	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	Basement
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size	76 MBH/ 75 Gals
Installation Year	2005
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Oil Fired 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
HOUSE TRAP	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
INTERIOR FLOOR DRAIN	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
INTERIOR STORM PIPING	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SEWAGE / WASTE PIPING	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SEWAGE EJECTOR PUMP	Does not exist
SUMP PUMP	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
VENT PIPING	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
FIXTURES	Inspected
STAFF AND OTHER	Inspected
Janitor Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good

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Question	Response
FIXTURES	
STAFF AND OTHER	
Toilet	
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
STUDENT	Inspected
Drinking Fountain	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
CO/GAS LEAK DETECTION	Inspected
Condition	3- Fair
Deficiency	CONTROL PANEL NOT OPERATIONAL
Deficiency Location/Instance	Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
GAS DISTRIBUTION PIPING	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
GAS METER ROOM EXHAUST FAN	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS METER ROOM VENT	Does not exist
GAS PRESSURE BOOSTER	Does not exist
HEATING	Inspected
BASEBOARD/FIN TUBE	Does not exist
HEATING COILS IN DUCTWORK	Does not exist
HYDRONIC HEATING	Does not exist
RADIATOR / CONVECTOR	Does not exist
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

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Question	Response
HEATING PLANT	Does not exist
IDF (ENCLOSED ROOMS)	Inspected
Instance	Room 202
A/C EQUIPMENT	
Instance on Room 202	Does not exist
VENTILATION EQUIPMENT	
Instance on Room 202	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	Inspected
Instance	1st floor
CO DETECTOR	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
GAS SYSTEM	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
GREASE TRAP	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HOOD	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST DUCTWORK	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST FAN	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD FIRE SUPPRESSION SYSTEM	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOT WATER TEMPERATURE BOOSTER	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
KITCHEN SINK	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
MDF ROOM	Inspected
Instance	Room 126
A/C EQUIPMENT	
Instance on Room 126	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
VENTILATION EQUIPMENT	

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Question	Response
MDF ROOM	
VENTILATION EQUIPMENT	
Instance on Room 126	Does not exist
SCIENCE DEMO ROOM	
Instance on Room 212	Inspected
Alternative Use	Yes
ACID WASTE NEUTRALIZING TANK	
Instance on Room 212	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
EMERGENCY SHOWER	
Instance on Room 212	Does not exist
EYE WASH	
Instance on Room 212	Does not exist
FIXED LABORATORY HOOD	
Instance on Room 212	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
LABORATORY SINK	
Instance on Room 212	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
PORTABLE LABORATORY HOOD	
Instance on Room 212	Does not exist
SCIENCE LAB	
Instance on Room 213	Inspected
Alternative Use	Yes
ACID WASTE NEUTRALIZING TANK	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	NO ACTION

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Question	Response
SCIENCE LAB	
ACID WASTE NEUTRALIZING TANK	
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
CO DETECTOR	
Instance on Room 213	Not required
EMERGENCY SHOWER	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
EYE WASH	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
FIXED LABORATORY HOOD	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
HOOD EXHAUST DUCTWORK	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
HOOD EXHAUST FAN	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Roof
Deficiency Quantity	1

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Question	Response
SCIENCE LAB	
HOOD EXHAUST FAN	
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
LABORATORY SINK	
Instance on Room 213	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
MAKE-UP AIR UNIT	
Instance on Room 213	Does not exist
PORTABLE LABORATORY HOOD	
Instance on Room 213	Does not exist
SCIENCE PREP ROOM	
Instance on Room 212B	Inspected
Alternative Use	Yes
Instance on Room 213 A	Inspected
Alternative Use	Yes
ACID WASTE NEUTRALIZING TANK	
Instance on Room 212B	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212 B
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Instance on Room 213 A	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213 A
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
EMERGENCY SHOWER	
Instance on Room 212B	Does not exist
Instance on Room 213 A	Does not exist
EYE WASH	
Instance on Room 212B	Does not exist
Instance on Room 213 A	Does not exist
FIXED LABORATORY HOOD	
Instance on Room 212B	Inspected

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Question	Response
SCIENCE PREP ROOM	
FIXED LABORATORY HOOD	
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212 B
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Instance on Room 213 A	Does not exist
HOOD EXHAUST DUCTWORK	
Instance on Room 212B	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212B
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Instance on Room 213 A	Does not exist
HOOD EXHAUST FAN	
Instance on Room 212B	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Roof
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Instance on Room 213 A	Does not exist
LABORATORY SINK	
Instance on Room 212B	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 212
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Instance on Room 213 A	Inspected
Instance Condition	1- Good
Deficiency	NOT IN USE
Deficiency Location/Instance	Room 213 A
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded

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Question	Response
SCIENCE PREP ROOM	
MAKE-UP AIR UNIT	
Instance on Room 212B	Does not exist
Instance on Room 213 A	Does not exist
PORTABLE LABORATORY HOOD	
Instance on Room 212B	Does not exist
Instance on Room 213 A	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
DELUGE VALVE	Does not exist
FIRE BOOSTER PUMP ASSEMBLY	Under construction
ROOF TANK	Does not exist
SIAMESE CONNECTION	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SPRINKLER ALARM VALVE ASSEMBLY	Does not exist
SPRINKLER HEAD	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SPRINKLER PIPING	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
STANDPIPE SYSTEM	Does not exist
WATER GONG	Does not exist
SWIMMING POOL	Does not exist
VENTILATION	Inspected
EXHAUST FAN	Inspected
Condition	1- Good
Deficiency	No deficiencies 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