

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

Mechanical Inspection

Q650

School: HS FOR CONST.TRADES,ENGG.,& ARCH-Q, 94-06 104TH STREET, QUEENS, NY, 11416

InspectionId	Inspection Type	Time In	Last Edited
2020044	MECHANICAL	2010-11-23 09:03AM	2010-12-02 02:09PM

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

No condition recorded

Inspection

Question	Response
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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 2nd floor roof

 Instance Condition 1- Good

 Instance Quantity 1

 Instance Quantity Uom EACH

 Manufacturer Govenair

 EquipmentId AHU-1

 Capacity/Size N/A

 Installation Year 2006

 Source of Installation Year Documented

 Deficiency No deficiencies recorded

 Instance 4th floor roof

 Instance Condition 1- Good

 Instance Quantity 1

 Instance Quantity Uom EACH

 Manufacturer Govenair

 EquipmentId AHU-7

 Capacity/Size N/A

 Installation Year 2006

 Source of Installation Year Documented

 Deficiency No deficiencies recorded

 Instance 4th floor roof

 Instance Condition 1- Good

 Instance Quantity 1

 Instance Quantity Uom EACH

 Manufacturer Govenair

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Question	Response
AIR CONDITIONING	
PACKAGED / ROOFTOP UNIT	
EquipmentId	AHU-6
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	3rd floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-5
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	3rd floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-4
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	4th floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-3
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	4th floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-2
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	4th floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-10
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented

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Question	Response
AIR CONDITIONING	
PACKAGED / ROOFTOP UNIT	
Deficiency	No deficiencies recorded
Instance	3rd floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-9
Capacity/Size	N/A
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	4th floor roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Govenair
EquipmentId	AHU-8
Capacity/Size	N/A
Installation Year	2006
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
RETURN FAN	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	Inspected
DDC SYSTEM	Inspected
Instance	Throughout the building
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	0-20%
Deficiency	DEFECTIVE
Deficiency Location/Instance	Custodians office
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	No deficiencies recorded
CONVEYING	Inspected
ASH HOIST	Does not exist
DUMBWAITERS	Does not exist

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Question	Response
CONVEYING	
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	Inspected
Electric Pressure Booster System	Inspected
Instance	Room B24
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	SyncroFlo
EquipmentId	N/A
Capacity/Size	2 pumps, 10 HP each
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic 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
Domestic Hot Water Circulating Pump	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	Room 433
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Raypak
EquipmentId	N/A
Capacity/Size	726 MBH input
Installation Year	2006
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

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DOMESTIC WATER SYSTEM	
DOMESTIC WATER DISTRIBUTION PIPING	
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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SUMP PUMP	Does not exist
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
Deficiency	No deficiencies recorded
Urinal	Does not exist
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	Inspected
Instance on Locker rooms B34, B36, B43	Inspected
Instance Condition	1- Good
Instance Quantity	3
Instance Quantity Uom	EACH
Alternative Use	Yes
Deficiency	NOT IN USE
Deficiency Location/Instance	Locker rooms B34, B36, B43
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	NO ACTION

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Question	Response
FIXTURES	
STUDENT	
Locker Room Shower	
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
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	2- Between Good and Fair
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	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
HEATING PLANT	Does not exist
IDF (ENCLOSED ROOMS)	Inspected
Instance	Rooms B21, 124A, 221, 321, 421
A/C EQUIPMENT	
Instance on Rooms B21, 124A, 221, 321, 421	Does not exist
VENTILATION EQUIPMENT	
Instance on Rooms B21, 124A, 221, 321, 421	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
KITCHEN	Inspected
Instance	Basement room B60
CO DETECTOR	
Instance on Basement room B60	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS SYSTEM	
Instance on Basement room B60	Inspected
Instance Condition	1- Good

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Question	Response
KITCHEN	
GAS SYSTEM	
Deficiency	No deficiencies recorded
GREASE TRAP	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST DUCTWORK	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST FAN	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD FIRE SUPPRESSION SYSTEM	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOT WATER TEMPERATURE BOOSTER	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
KITCHEN SINK	
Instance on Basement room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
MDF ROOM	Inspected
Instance	Room 133
A/C EQUIPMENT	
Instance on Room 133	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
VENTILATION EQUIPMENT	
Instance on Room 133	Does not exist
SCIENCE DEMO ROOM	
Instance on Rooms 310, 316, 332, 336	Inspected
Alternative Use	No
ACID WASTE NEUTRALIZING TANK	
Instance on Rooms 310, 316, 332, 336	Does not exist
EMERGENCY SHOWER	
Instance on Rooms 310, 316, 332, 336	Does not exist
EYE WASH	
Instance on Rooms 310, 316, 332, 336	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
FIXED LABORATORY HOOD	
Instance on Rooms 310, 316, 332, 336	Does not exist
LABORATORY SINK	
Instance on Rooms 310, 316, 332, 336	Inspected

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Question	Response
SCIENCE DEMO ROOM	
LABORATORY SINK	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
PORTABLE LABORATORY HOOD	
Instance on Rooms 310, 316, 332, 336	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SCIENCE LAB	
Instance on Rooms 320, 328	Inspected
Alternative Use	No
ACID WASTE NEUTRALIZING TANK	
Instance on Rooms 320, 328	Does not exist
CO DETECTOR	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
EMERGENCY SHOWER	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
EYE WASH	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
FIXED LABORATORY HOOD	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST DUCTWORK	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST FAN	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
LABORATORY SINK	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
MAKE-UP AIR UNIT	
Instance on Rooms 320, 328	Does not exist
PORTABLE LABORATORY HOOD	
Instance on Rooms 320, 328	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SCIENCE PREP ROOM	
Instance on Room 324	Inspected
Alternative Use	No
ACID WASTE NEUTRALIZING TANK	
Instance on Room 324	Does not exist
EMERGENCY SHOWER	
Instance on Room 324	Inspected

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Question	Response
SCIENCE PREP ROOM	
EMERGENCY SHOWER	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
EYE WASH	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
FIXED LABORATORY HOOD	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST DUCTWORK	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
HOOD EXHAUST FAN	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
LABORATORY SINK	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
MAKE-UP AIR UNIT	
Instance on Room 324	Does not exist
PORTABLE LABORATORY HOOD	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
DELUGE VALVE	
	Does not exist
FIRE BOOSTER PUMP ASSEMBLY	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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

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Question	Response
VENTILATION	
METAL DUCTWORK	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SUPPLY FAN	Does not exist
UNIT VENTILATOR	Does not exist