

**NYC Department of Education
Building Condition Assessment Survey 2008-2009**

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
1262109	MECHANICAL	2009-03-24 08:45AM	2009-04-03 03:05PM

Asset Data

Question	Answer
Heating Plant Oil Number	N/A
Have any Systems/Major Building Components been upgraded?	No System Upgraded

Priority Condition

No condition recorded

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	Governair
EquipmentId	AHU-8
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-6
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-1
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof

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AIR CONDITIONING	
Packaged / Rooftop Unit	
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-2
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-7
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-10
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-4
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-3
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-5
Capacity/Size	N/A
Installation Year	2006
Deficiency	No deficiencies recorded

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AIR CONDITIONING	
Packaged / Rooftop Unit	
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Governair
EquipmentId	AHU-9
Capacity/Size	N/A
Installation Year	2006
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
Window Type A/C	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	
Condition	1- Good
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	
	Inspected
Damper Actuator	
Condition	1- Good
Deficiency	No deficiencies recorded
DDC Computer	
Condition	3- Fair
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
Local Control Panel	
Condition	1- Good
Deficiency	No deficiencies recorded
Pneumatic PRV Station	
	Does not exist
Pneumatic Tubing	
	Does not exist
Refrigerated Air Dryer	
	Does not exist
Temperature Control Air Compressor	
	Does not exist
Temperature Control Thermostat	
Condition	1- Good
Deficiency	No deficiencies recorded
Temperature Control Zone Valve	
	Does not exist
Terminal Unit Thermostatic Valve	
	Does not exist
COMPACTOR	
Condition	1- Good
Deficiency	No deficiencies recorded
CONVEYING	
	Inspected
Dumbwaiters	
	Does not exist
Elevators	
Condition	1- Good
Deficiency	No deficiencies recorded
Escalators	
	Does not exist

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Question	Response
CONVEYING	
Non-auditorium Handicap Lift	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sidewalk / Ash Hoist	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 (5 HP each)
Installation Year	2006
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 (output)
Installation Year	2006
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

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
House Trap	
Deficiency	No deficiencies recorded
Interior Floor Drain	
Condition	Inspected
Deficiency	1- Good
Interior Storm Piping	
Condition	Inspected
Deficiency	1- Good
Sewage / Waste Piping	
Condition	Inspected
Deficiency	1- Good
Sewage Ejector Pump	
Condition	Inspected
Deficiency	1- Good
Sump Pump	
Condition	Does not exist
Vent Piping	
Condition	Inspected
Deficiency	1- Good
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Condition	Does not exist
EMERGENCY GENERATOR	
Condition	Inspected
Deficiency	1- Good
FIXTURES	
Condition	Inspected
Staff And Other	
Condition	Inspected
Boiler Room - Eye Wash	
Condition	Does not exist
Janitor Sink	
Condition	Inspected
Deficiency	1- Good
Lavatory/Sink	
Condition	Inspected
Deficiency	1- Good
Toilet	
Condition	Inspected
Deficiency	1- Good
Urinal	
Condition	Does not exist
Student	
Condition	Inspected
Drinking Fountain	
Condition	Inspected
Deficiency	1- Good
Lavatory/Sink	
Condition	Inspected
Deficiency	1- Good
Locker Room Shower	
Condition	Inspected
Alternative Use	1- Good
Deficiency	No
Sink And Fountain Combo Unit	
Condition	Does not exist
Toilet	
Condition	Inspected
Deficiency	1- Good
Urinal	
Condition	Inspected
Deficiency	1- Good

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Question	Response
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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
Terminal Fan Coil Unit	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
HEATING PLANT	Inspected
Boiler Auxiliaries	Does not exist
Boiler System	Does not exist
Fuel Systems	Inspected
Boiler Fresh Air Louver/Damper	Does not exist
CO/Gas Leak Detection	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Fuel Oil Heater	Does not exist
Fuel Oil Level Gauge	Does not exist
Fuel Oil Piping	Does not exist
Fuel Oil Tank	Does not exist
Fuel Transfer Pump	Does not exist
Gas Trains And Vent At The Boiler	Does not exist
Oil Leak Detector In Tank Room	Does not exist
Overfill Alarm By Oil Fill	Does not exist
KITCHEN	Inspected
Instance	Room B60
CO Detector	
Instance on Room B60	Does not exist
CO/Gas Leak Detector	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Gas System	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	

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Question	Response
KITCHEN	
Hood	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on Room B60	Inspected
Instance	Room B60
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Ansul
EquipmentId	N/A
Capacity/Size	3 gal
Installation Year	2006
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Kitchen Sink	
Instance on Room B60	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance	Inspected
Instance	Rooms: 310, 316, 332, 336
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
Laboratory Hood	
Instance on Rooms: 310, 316, 332, 336	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Rooms: 310, 316, 332, 336	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SCIENCE LAB	
Instance	Inspected
Instance	Rooms: 320, 328
Alternative Use	No

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Question	Response
SCIENCE LAB	
Acid Waste Neutralizing Tank	
Instance on Rooms: 320, 328	Does not exist
CO Detector	
Instance on Rooms: 320, 328	Does not exist
CO/Gas Leak 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
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 Hood	
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
SCIENCE PREP ROOM	
Instance	Inspected
Alternative Use	Room 324
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room 324	Does not exist
Emergency Shower	
Instance on Room 324	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Eye Wash	
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

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Question	Response
SCIENCE PREP ROOM	
Hood Exhaust Fan	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Laboratory Hood	
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
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Deluge Valve	
	Does not exist
Fire Booster Pump Assembly	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Roof Tank	
	Does not exist
Siamese Connection	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Sprinkler Alarm Valve Assembly	
	Does not exist
Sprinkler Head	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Sprinkler Piping	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Standpipe System	
	Inspected
Hose Valve Assembly	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Piping	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Water Gong	
	Does not exist
SWIMMING POOL	
	Does not exist
VENTILATION	
	Inspected
Duct- Register / Diffuser	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Exhaust Fan	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Fire / Smoke Damper	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Heating And Ventilating Unit	
	Does not exist
Metal Ductwork	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Supply Fan	
	Does not exist

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Question	Response
VENTILATION	
Unit Ventilator	Does not exist