

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

Mechanical Inspection

K894

School: HS FOR PUBLIC SERVICE-ENY - K, 1495 HERKIMER STREET, BROOKLYN, NY, 11233

InspectionId	Inspection Type	Time In	Last Edited
1187043	MECHANICAL	2009-01-14 08:34AM	2009-02-04 03:13PM

Asset Data

Question	Answer
Heating Plant Oil Number	6
Have any Systems/Major Building Components been upgraded?	Systems: DX split system for MDF room Years: 2007

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	2- Between Good and Fair
Instance Quantity	7
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	1, 2, 3, 4, 5, 6 & 7
Capacity/Size	25 Tons Each
Installation Year	1993
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Inspected
Condition	2- Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room # 209B
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REMOVE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 1
Violations	No violations recorded
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	Inaccessible
CLIMATE CONTROL SYSTEM	Inspected
Damper Actuator	Does not exist

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Question	Response
CLIMATE CONTROL SYSTEM	
DDC Computer	Does not exist
Local Control Panel	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	custodian office-bad communication with thermostats and the units# 4&6
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Temperature Control Zone Valve	Does not exist
Terminal Unit Thermostatic Valve	Does not exist
COMPACTOR	Does not exist
CONVEYING	Does not exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inaccessible
Domestic Hot Water System	Inspected
Domestic Hot Water Circulating Pump	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Kitchen-leaking
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Domestic Hot Water Remote Storage Tank	Inaccessible
Domestic Water Heat Exchanger	Inaccessible
Electric Domestic Water Heater	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Inaccessible
Oil Fired Domestic Water Heater	Inaccessible
Domestic Water Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
House Trap	Inaccessible
Interior Floor Drain	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Interior Storm Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sewage / Waste Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Inaccessible
Sump Pump	Inaccessible
Vent Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
EMERGENCY GENERATOR	Does not exist
FIXTURES	Inspected
Staff And Other	Inspected
Boiler Room - Eye Wash	Inaccessible
Janitor Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room # 111C
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inaccessible
Gas Meter Room Vent	Inaccessible
Gas Pressure Booster	Inaccessible

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Question	Response
HEATING	Inspected
Baseboard/Fin Tube	Inaccessible
Heating Coils In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator / Convectector	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inaccessible
MER Steam and Condensate Piping	Inaccessible
Steam Condensate Return Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam Condensate Return System	Inaccessible
Steam Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
STEAM SUPPLIED BY EXTERNAL SOURCES	Does not exist
Terminal Fan Coil Unit	Does not exist
Unit Heater/Cabinet Heater	Inaccessible
HEATING PLANT	Inaccessible
KITCHEN	Inspected
Instance	1st floor
CO Detector	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO/Gas Leak Detector	
Instance on 1st floor	Does not exist
Gas System	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 1st floor	Inspected

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Question	Response
KITCHEN	
Hood Fire Suppression System	
Instance	1st floor- kitchen
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Ansul
EquipmentId	N/A
Capacity/Size	3 gal
Installation Year	1993
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on 1st floor	Does not exist
Kitchen Sink	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance	Inspected
Alternative Use	Rooms # 110 & 211
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Rooms # 110 & 211	Does not exist
Emergency Shower	
Instance on Rooms # 110 & 211	Does not exist
Eye Wash	
Instance on Rooms # 110 & 211	Does not exist
Laboratory Hood	
Instance on Rooms # 110 & 211	Does not exist
Laboratory Sink	
Instance on Rooms # 110 & 211	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE LAB	
Instance	Inspected
Alternative Use	Room# 210
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room# 210	Does not exist
CO Detector	
Instance on Room# 210	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO/Gas Leak Detector	
Instance on Room# 210	Does not exist
Emergency Shower	
Instance on Room# 210	Does not exist
Eye Wash	
Instance on Room# 210	Does not exist
Hood Exhaust Ductwork	
Instance on Room# 210	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room# 210	Inspected
Instance Condition	2- Between Good and Fair

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SCIENCE LAB	
Hood Exhaust Fan	
Deficiency	No deficiencies recorded
Laboratory Hood	
Instance on Room# 210	Does not exist
Laboratory Sink	
Instance on Room# 210	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room# 210	Does not exist
SCIENCE PREP ROOM	Inspected
Instance	Room # 209
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room # 209	Does not exist
Emergency Shower	
Instance on Room # 209	Does not exist
Eye Wash	
Instance on Room # 209	Does not exist
Hood Exhaust Ductwork	
Instance on Room # 209	Does not exist
Hood Exhaust Fan	
Instance on Room # 209	Does not exist
Laboratory Hood	
Instance on Room # 209	Does not exist
Laboratory Sink	
Instance on Room # 209	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room # 209	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Deluge Valve	Inaccessible
Fire Booster Pump Assembly	Inaccessible
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Alarm Valve Assembly	Inaccessible
Sprinkler Head	Inspected
Condition	2- Between Good and 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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Water Gong	Inaccessible

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Question	Response
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Duct- Register / Diffuser	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Exhaust Fan	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Roof / (5/10)
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fire / Smoke Damper	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE DUCTWORK
Deficiency Location/Instance	room # 201-needs insulation-condensation is damaging the ceiling
Deficiency Quantity	20
Quantity Uom	L.F.
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