

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

Mechanical Inspection

K167

School: **P.S. 167 - BROOKLYN, 1025 EASTERN PKWY, BROOKLYN, NY, 11213**

InspectionId	Inspection Type	Time In	Last Edited
1194037	MECHANICAL	2009-01-16 08:42AM	2009-01-30 04:30PM

Asset Data

Question	Answer
Heating Plant Oil Number	2
Have any Systems/Major Building Components been upgraded?	Systems: Heating Plant / Domestic Gas Fired Water Heater / Air Compressor, Air Dryer and PRV Station Years: 1998

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	Does not exist
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	Inspected
Condition	2- Between Good and Fair
Deficiency	DETERIORATED
Deficiency Location/Instance	Room 409
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
Damper Actuator	Does not exist
DDC Computer	Does not exist
Local Control Panel	Does not exist
Pneumatic PRV Station	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Pneumatic Tubing	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
CLIMATE CONTROL SYSTEM	
Refrigerated Air Dryer	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Temperature Control Air Compressor	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Temperature Control Thermostat	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Cafeteria
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Temperature Control Zone Valve	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Valve	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Various Locations
Deficiency Quantity	90
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
COMPACTOR	Does not exist
CONVEYING	Inspected
Dumbwaiters	Does not exist
Elevators	Does not exist
Escalators	Does not exist
Non-auditorium Handicap Lift	Does not exist
Sidewalk / Ash Hoist	Inspected
Condition	5- Poor
Deficiency	TRACTION:INOPERABLE
Deficiency Location/Instance	Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Does not exist
Hydraulic/Pneumatic Booster System	Inspected
Domestic Cold Water Tank	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Pressure Booster Pump	Inspected

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Hydraulic/Pneumatic Booster System	
Pressure Booster Pump	
Condition	3- Fair
Deficiency	No deficiencies recorded
Water Pressure Booster - Compressor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Water Service	Inspected
Service Piping (Water Main)	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Water Main - Double Check Valve	Does not exist
Water Main - RPZ	Does not exist
Domestic Hot Water System	Inspected
Domestic Hot Water Circulating Pump	Inspected
Condition	2- Between Good and Fair
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	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Precision
EquipmentId	N/A
Capacity/Size	420 MBH
Installation Year	1999
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	2,100
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Various Location
Deficiency Quantity	15
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
House Trap	Inspected
Condition	3- Fair

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
House Trap	
Deficiency	No deficiencies recorded
Interior Floor Drain	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Interior Storm Piping	
Condition	Inspected
Deficiency	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	800
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage / Waste Piping	
Condition	Inspected
Deficiency	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	533
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage Ejector Pump	
	Does not exist
Sump Pump	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Vent Piping	
Condition	Inspected
Deficiency	3- 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	
	Does not exist
Janitor Sink	
Condition	Inspected
Deficiency	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	4th Floor
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Urinal	
	Does not exist

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Question	Response
FIXTURES	
Student	Inspected
Drinking Fountain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	2nd Floor Boys
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
HEATING	Inspected
Baseboard/Fin Tube	Does not exist
Heating Coils In Ductwork	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	REMOVE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 1
Violations	No violations recorded
Hydronic Heating	Does not exist
Radiator / Convectector	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	180

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Question	Response
HEATING	
Radiator / Convactor	
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE AUXILIARY (VALVE, VENT)
Deficiency Location/Instance	Rooms 305, 112, and other various locations
Deficiency Quantity	100
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE
Deficiency Location/Instance	307
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement
Deficiency Quantity	250
Quantity Uom	L.F.
Potential Action	REMOVE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 1
Violations	No violations recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	1,500
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return System	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	LEAKS
Deficiency Location/Instance	Basement
Deficiency Quantity	100
Quantity Uom	L.F.
Potential Action	REPLACE

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Question	Response
HEATING	
Steam Heating	
Steam Piping	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LEAKS
Deficiency Location/Instance	Water Meter Room
Deficiency Quantity	25
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	1,500
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	4- Between Fair and Poor
Deficiency	DETERIORATED
Deficiency Location/Instance	Various Locations
Deficiency Quantity	100
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
STEAM SUPPLIED BY EXTERNAL SOURCES	Does not exist
Terminal Fan Coil Unit	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Cafeteria, Kitchen, Lobby, Exit B, Gym
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE UNIT
Deficiency Location/Instance	Kitchen / Exit B / Lobby / Gym
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
HEATING PLANT	Inspected
Replacement Quantity	7,796
Replacement Uom	MBH
Boiler Auxiliaries	Inspected
Boiler Blowdown/Piping System	Inspected

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Blowdown/Piping System	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Breeching	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Damper (In Breeching)	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Condition	Inspected
Boiler Feedwater Pump	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Tank	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Feedwater Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Gas Burner	
Condition	Does not exist
Boiler Gas/Oil Burner	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Header Valve	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	STEAM - LEAKS
Deficiency Quantity	Boiler Room
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPAIR
Purpose of Action	PRIORITY 4
Violations	LEVEL 2
Violations	No violations recorded
Boiler Make-up Water Backflow Preventer	
Condition	Inspected
Double Check Valves	
Condition	Does not exist
RPZ	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Oil Burner	
Condition	Does not exist
Boiler Room Steam And Condensate Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Condition	Inspected

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Safety Valve	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Burner Control Panel	
Condition	Inspected
Deficiency	2- Between Good and Fair
Boiler System	
Condition	Inspected
Coal-fired Boiler	
Condition	Does not exist
Hot Water Boiler	
Condition	Does not exist
Modular Boiler	
Condition	Does not exist
Steam Boiler	
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	3,898
Instance Quantity Uom	MBH
Manufacturer	A.L. Eastmond and Sons
EquipmentId	9843-01
Capacity/Size	3898 MBH (net)
Installation Year	1998
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	3,898
Instance Quantity Uom	MBH
Manufacturer	A.L. Eastmond and Sons
EquipmentId	9843-02
Capacity/Size	3898 MBH (net)
Installation Year	1998
Deficiency	No deficiencies recorded
Fuel Systems	
Condition	Inspected
Boiler Fresh Air Louver/Damper	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Heater	
Condition	Does not exist
Fuel Oil Level Gauge	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Tank	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Tank Leaks/ Leaking from Top of Tank
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Question	Response
HEATING PLANT	
Fuel Systems	
Fuel Transfer Pump	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Oil Leak Detector In Tank Room	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Overfill Alarm By Oil Fill	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	
Instance	Ground Floor
CO Detector	
Instance on Ground Floor	Does not exist
CO/Gas Leak Detector	
Instance on Ground Floor	Does not exist
Gas System	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Ground Floor	Does not exist
Hood	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Ground Floor	Inspected
Instance Condition	5- Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Roof
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hood Fire Suppression System	
Instance on Ground Floor	Does not exist
Hot Water Temperature Booster	
Instance on Ground Floor	Does not exist
Kitchen Sink	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not exist

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Question	Response
SCIENCE LAB	Does not exist
SCIENCE PREP ROOM	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Deluge Valve	Does not exist
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Does not exist
Sprinkler Alarm Valve Assembly	Does not exist
Sprinkler Head	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not exist
Water Gong	Does not exist
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Duct- Register / Diffuser	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Exhaust Fan	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire / Smoke Damper	Does not exist
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement
Deficiency Quantity	250
Quantity Uom	L.F.
Potential Action	REMOVE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 1
Violations	No violations recorded
Supply Fan	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REMOVE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 1
Violations	No violations recorded
Unit Ventilator	Does not exist