

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

Mechanical Inspection

K008

School: **P.S. 8 - BROOKLYN, 37 HICKS STREET, BROOKLYN, NY, 11201**

InspectionId	Inspection Type	Time In	Last Edited
1188139	MECHANICAL	2009-05-04 10:15AM	2009-05-13 11:32AM

Asset Data

Question	Answer
Heating Plant Oil Number	2
Have any Systems/Major Building Components been upgraded?	Systems: Kitchen Hood Exhaust Fan, House Exhaust Fan. Years: 2007 Systems: D X Split A/C Unit for Room # 208 Years: 2006

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	No deficiencies 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	3- Fair
Deficiency	DEFECTIVE AIR FILTER
Deficiency Location/Instance	Boiler Room / Filter leaks Air
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Pneumatic Tubing	Inspected
Condition	3- Fair

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Question	Response
CLIMATE CONTROL SYSTEM	
Pneumatic Tubing	
Deficiency	No deficiencies recorded
Refrigerated Air Dryer	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Temperature Control Air Compressor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Temperature Control Thermostat	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Various locations
Deficiency Quantity	14
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	3- 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	40
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	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	3- Fair
Deficiency	No deficiencies recorded
Water Main - Double Check Valve	Does not exist
Water Main - RPZ	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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	Boiler Room

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A. O. SMITH
EquipmentId	N/A
Capacity/Size	399,900 BTU / HR / 130 GALLON
Installation Year	2004
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 / Hot & Cold Piping
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
DRAIN/WASTE/VENT AND STORM SYSTEM	
Inspected	
House Trap	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
Interior Floor Drain	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
Interior Storm Piping	
Inspected	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	500
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage / Waste Piping	
Inspected	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	333
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	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
Vent Piping	
Inspected	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Vent Piping	
Deficiency Location/Instance	Throughout
Deficiency Quantity	167
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations 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	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
	Inspected
Condition	3- 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	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	No deficiencies recorded
Urinal	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	
	Does not exist
HEATING	
	Inspected

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Question	Response
HEATING	
Baseboard/Fin Tube	Does not exist
Heating Coils In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator / Convect	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	120
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	1st Floor MER (2)
Deficiency Quantity	100
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	1,000
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	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	1,000
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	3- Fair
Deficiency	No deficiencies recorded
STEAM SUPPLIED BY EXTERNAL SOURCES	Does not exist
Terminal Fan Coil Unit	Does not exist

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Question	Response
HEATING	
Unit Heater/Cabinet Heater	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE UNIT
Deficiency Location/Instance	Cafeteria / Defective Motors
Deficiency Quantity	2
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	6,882
Replacement Uom	MBH
Boiler Auxiliaries	Inspected
Boiler Blowdown/Piping System	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Breeching	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Damper (In Breeching)	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	Inspected
Boiler Feedwater Pump	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Tank	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Feedwater Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Gas Burner	Does not exist
Boiler Gas/Oil Burner	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Header Valve	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	Does not exist
Boiler Make-up Water Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Oil Burner	Does not exist
Boiler Room Steam And Condensate Piping	Inspected
Condition	2- Between Good and Fair

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Room Steam And Condensate Piping	
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Burner Control Panel	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
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	
Condition	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	3,441
Instance Quantity Uom	MBH
Manufacturer	BURNHAM
EquipmentId	8894 - 01
Capacity/Size	4432 MBH (GROSS)
Installation Year	1993
Deficiency	PLUGGED TUBES
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	3,441
Instance Quantity Uom	MBH
Manufacturer	BURNHAM
EquipmentId	8894 - 02
Capacity/Size	4432 MBH (GROSS)
Installation Year	1993
Deficiency	No deficiencies recorded
Fuel Systems	
Condition	Inspected
Boiler Fresh Air Louver/Damper	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Heater	
Condition	Does not exist
Fuel Oil Level Gauge	
Condition	Inspected
Deficiency	3- Fair
Deficiency	CALIBRATION REQUIRED
Deficiency Location/Instance	Boiler Room (1 of 1)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR

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Question	Response
HEATING PLANT	
Fuel Systems	
Fuel Oil Level Gauge	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel Oil Piping	
Inspected	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Tank	
Inspected	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Transfer Pump	
Inspected	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Inspected	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Oil Leak Detector In Tank Room	
Inspected	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Tank Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Overfill Alarm By Oil Fill	
Inspected	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
KITCHEN	
Inspected	Inspected
Instance	Basement
CO Detector	
Instance on Basement	Does not exist
CO/Gas Leak Detector	
Instance on Basement	Does not exist
Gas System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	

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Question	Response
KITCHEN	
Hood Exhaust Fan	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on Basement	Inspected
Instance	Kitchen
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	KIDDE
EquipmentId	N/A
Capacity/Size	3 GALLONS
Installation Year	2002
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on Basement	Does not exist
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance	Inspected
Alternative Use	Room # 301 (Used as Art Studio)
Alternative Use	Yes
Acid Waste Neutralizing Tank	
Instance on Room # 301 (Used as Art Studio)	Inspected
Instance Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room # 301
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 # 301 (Used as Art Studio)	Does not exist
Eye Wash	
Instance on Room # 301 (Used as Art Studio)	Does not exist
Laboratory Hood	
Instance on Room # 301 (Used as Art Studio)	Does not exist
Laboratory Sink	
Instance on Room # 301 (Used as Art Studio)	Inspected
Instance Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room # 301
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
SCIENCE LAB	
Instance	Does not exist
SCIENCE PREP ROOM	
Instance	Does not exist

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Question	Response
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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fire / Smoke Damper	Does not exist
Heating And Ventilating Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist