

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

***Mechanical Inspection***

**K008**

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

InspectionId	Inspection Type	Time In	Last Edited
1860065	MECHANICAL	2011-02-09 07:42AM	2011-02-16 03:38PM

***Asset Data***

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Exhaust fans Years: 2007 Systems: DX split system for MDF room Years: 2008 Systems: DX split system for Custodian's office Years: 2009
Are there fuel tanks?	No

***Priority Condition***

No condition recorded

***Inspection***

Question	Response
<b>MECHANICAL</b>	
<b>AIR CONDITIONING</b>	Does not exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not exist
<b>CLIMATE CONTROL SYSTEM</b>	Inspected
<b>DDC SYSTEM</b>	Does not exist
<b>ELECTRIC SYSTEM</b>	Does not exist
<b>HYBRID SYSTEM</b>	Does not exist
<b>PNEUMATIC SYSTEM</b>	Inspected
Instance	Throughout building
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	21-40%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Classrooms & offices in entire building - 75%
Deficiency Quantity	40
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE TERMINAL UNIT THERMOSTATIC VALVE
Deficiency Location/Instance	Hallways , stairwells & classrooms
Deficiency Quantity	20
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	PNEUMATIC TUBING:DEFECTIVE/LEAKS AIR
Deficiency Location/Instance	Room 102
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</b>	Does not exist

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>DOMESTIC COLD WATER SYSTEM</b>	Inspected
<b>Gravity System</b>	Does not exist
<b>Pressure Booster System</b>	Inspected
<b>Electric Pressure Booster System</b>	Under construction
<b>Hydraulic/Pneumatic Booster System</b>	Does not exist
<b>Water Service</b>	Inspected
<b>Service Piping (Water Main)</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Water Main - Double Check Valve</b>	Does not exist
<b>Water Main - RPZ</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>DOMESTIC HOT WATER SYSTEM</b>	Inspected
<b>Domestic Hot Water Circulating Pump</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Domestic Hot Water Remote Storage Tank</b>	Under construction
<b>Domestic Water Heat Exchanger</b>	Does not exist
<b>Electric Domestic Water Heater</b>	Does not exist
<b>Gas Fired Domestic Water Heater</b>	Inspected
Instance	Basement boiler room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A.O.Smith
EquipmentId	N/A
Capacity/Size	75100 Btu/Hr / 74 Gallons
Installation Year	2009
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Oil Fired Domestic Water Heater</b>	Does not exist
<b>DOMESTIC WATER DISTRIBUTION PIPING</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout main building
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
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>HOUSE TRAP</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>INTERIOR FLOOR DRAIN</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>INTERIOR STORM PIPING</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout building
Deficiency Quantity	500

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<b>Question</b>	<b>Response</b>
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	
<b>INTERIOR STORM PIPING</b>	
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>SEWAGE / WASTE PIPING</b>	
Condition	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout building
Deficiency Quantity	333
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	CLOGGED
Deficiency Location/Instance	Hallway - 3rd floor from drinking fountain
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>SEWAGE EJECTOR PUMP</b>	Does not exist
<b>SUMP PUMP</b>	
Condition	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>VENT PIPING</b>	
Condition	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout building
Deficiency Quantity	167
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	
Does not exist	
<b>FIXTURES</b>	
Inspected	
<b>STAFF AND OTHER</b>	
Inspected	
<b>Janitor Sink</b>	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	
Does not exist	
<b>STUDENT</b>	
Inspected	
<b>Drinking Fountain</b>	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded

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<b>Question</b>	<b>Response</b>
<b>FIXTURES</b>	
<b>STUDENT</b>	
<b>Lavatory/Sink</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Locker Room Shower</b>	Does not exist
<b>Sink And Fountain Combo Unit</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	Does not exist
<b>GAS SERVICE</b>	Inspected
<b>CO/GAS LEAK DETECTION</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>GAS DISTRIBUTION PIPING</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS METER ROOM EXHAUST FAN</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS METER ROOM VENT</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS PRESSURE BOOSTER</b>	Does not exist
<b>HEATING</b>	Inspected
<b>BASEBOARD/FIN TUBE</b>	Does not exist
<b>HEATING COILS IN DUCTWORK</b>	Does not exist
<b>HYDRONIC HEATING</b>	Does not exist
<b>RADIATOR / CONVECTOR</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout building
Deficiency Quantity	120
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	Auditorium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>STEAM HEATING</b>	Inspected
<b>F&amp;T/Steam Drip Trap</b>	Inspected
Condition	1- Good

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<b>Question</b>	<b>Response</b>
<b>HEATING</b>	
<b>STEAM HEATING</b>	
<b>F&amp;T/Steam Drip Trap</b>	
Deficiency	No deficiencies recorded
<b>MER Steam and Condensate Piping</b>	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	1st floor -2 & basement
Deficiency Quantity	300
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Steam Condensate Return Piping</b>	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout building
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
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	3rd floor hallway
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Steam Condensate Return Pumping System</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Steam Piping</b>	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout building
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
<b>Terminal Unit Thermostatic Trap</b>	
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Various locations
Deficiency Quantity	7
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>STEAM SUPPLIED BY EXTERNAL SOURCES</b>	
	Does not exist

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<b>Question</b>	<b>Response</b>
<b>HEATING</b>	
<b>UNIT HEATER/CABINET HEATER</b>	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance	Cafeteria
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>HEATING PLANT</b>	Inspected
Replacement Quantity	6,882
Replacement Uom	MBH
Instance	Basement
Burner Type	Gas
Heating Plant Oil Number	N/A
<b>BOILER AUXILIARIES</b>	
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Flue Exhaust</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Does not exist
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Safety Valve</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>BOILER SYSTEM</b>	
Instance on Basement	Inspected
<b>Coal-fired Boiler</b>	
Instance on Basement	Does not exist
<b>Hot Water Boiler</b>	
Instance on Basement	Does not exist

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<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>BOILER SYSTEM</b>	
<b>Modular Boiler</b>	
Instance on Basement	Does not exist
<b>Steam Boiler</b>	
Instance on Basement	Inspected
Instance	Basement
Instance Condition	2- Between Good and Fair
Instance Quantity	3,441
Instance Quantity Uom	MBH
Manufacturer	Burnham
EquipmentId	8894-01
Capacity/Size	4432 Gross MBH
Installation Year	1993
Source of Installation Year	Documented
Deficiency	PLUGGED TUBES
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Basement
Instance Condition	2- Between Good and Fair
Instance Quantity	3,441
Instance Quantity Uom	MBH
Manufacturer	Burnham
EquipmentId	8894-02
Capacity/Size	4432 Gross MBH
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>FUEL SYSTEMS</b>	
Instance on Basement	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL LEVEL GAUGE:NOT IN USE
Deficiency Location/Instance	Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Deficiency	FUEL OIL TRANSFER PUMP:NOT IN USE
Deficiency Location/Instance	Basement (2 of 2)
Deficiency Quantity	2

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<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>FUEL SYSTEMS</b>	
<b>Fuel Oil Storage/Supply System</b>	
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>IDF (ENCLOSED ROOMS)</b>	
Does not exist	
<b>KITCHEN</b>	
Inspected	
Instance	Basement
<b>CO DETECTOR</b>	
Instance on Basement	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DETECTOR MISSING
Deficiency Location/Instance	Basement Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
<b>GAS SYSTEM</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GREASE TRAP</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>HOOD</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>HOOD EXHAUST DUCTWORK</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>HOOD EXHAUST FAN</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>HOOD FIRE SUPPRESSION SYSTEM</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>HOT WATER TEMPERATURE BOOSTER</b>	
Instance on Basement	Does not exist
<b>KITCHEN SINK</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>KITCHEN SINK</b>	
Deficiency	No deficiencies recorded
<b>MDF ROOM</b>	Inspected
Instance	Closet inside room 206
<b>A/C EQUIPMENT</b>	
Instance on Closet inside room 206	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>VENTILATION EQUIPMENT</b>	
Instance on Closet inside room 206	Does not exist
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	Inspected
<b>DELUGE VALVE</b>	Does not exist
<b>FIRE BOOSTER PUMP ASSEMBLY</b>	Under construction
<b>ROOF TANK</b>	Does not exist
<b>SIAMESE CONNECTION</b>	Does not exist
<b>SPRINKLER ALARM VALVE ASSEMBLY</b>	Does not exist
<b>SPRINKLER HEAD</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>SPRINKLER PIPING</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>STANDPIPE SYSTEM</b>	Does not exist
<b>WATER GONG</b>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>VENTILATION</b>	Inspected
<b>EXHAUST FAN</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>HEATING AND VENTILATING UNIT</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>METAL DUCTWORK</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>SUPPLY FAN</b>	Does not exist
<b>UNIT VENTILATOR</b>	Does not exist