

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

***Mechanical Inspection***

**K426**

School: **MADISON AF - BROOKLYN, 3787 BEDFORD AVENUE, BROOKLYN, NY, 11229**

InspectionId	Inspection Type	Time In	Last Edited
1193052	MECHANICAL	2009-06-05 10:32AM	2009-06-11 09:39AM

***Asset Data***

Question	Answer
Heating Plant Oil Number	2
Have any Systems/Major Building Components been upgraded?	Systems: Domestic water main Years: 2005

***Priority Condition***

No condition recorded

***Inspection***

Question	Response
<b>MECHANICAL</b>	
<b>AIR CONDITIONING</b>	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	Does not exist
Packaged / Rooftop Unit	Does not exist
Packaged Terminal A/C	Does not exist
Refrigerant Piping	Does not exist
Return Fan	Does not exist
Window Type A/C	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not exist
<b>CLIMATE CONTROL SYSTEM</b>	Inspected
Damper Actuator	Does not exist
DDC Computer	Does not exist
Local Control Panel	Does not exist
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	3- Fair
Deficiency	No deficiencies recorded
Temperature Control Zone Valve	Does not exist
Terminal Unit Thermostatic Valve	Does not exist
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</b>	Does not exist
<b>DOMESTIC WATER SYSTEM</b>	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	Does not exist
Domestic Hot Water System	Does not exist

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	1,300
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
Deficiency Quantity	400
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>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	267
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Sewage Ejector Pump</b>	Does not exist
<b>Sump Pump</b>	Does not exist
<b>Vent Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	Does not exist
<b>EMERGENCY GENERATOR</b>	Does not exist
<b>FIXTURES</b>	Inspected
<b>Staff And Other</b>	Inspected
<b>Boiler Room - Eye Wash</b>	Does not exist
<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

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<b>FIXTURES</b>	
<b>Staff And Other</b>	
<b>Toilet</b>	
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Mens and Women Bathroom / Cracked Toilet
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Urinal</b>	Does not exist
<b>Student</b>	Inspected
<b>Drinking Fountain</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Locker Room Shower</b>	
Condition	3- Fair
Alternative Use	No
Deficiency	MISSING SHOWER HEADS
Deficiency Location/Instance	Locker Room Shower
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Sink And Fountain Combo Unit</b>	
Does not exist	
<b>Toilet</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	
Does not exist	
<b>GAS SERVICE</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 / Convectector</b>	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	11
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Steam Heating</b>	
Inspected	

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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>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>MER Steam and Condensate Piping</b>	Does not exist
<b>Steam Condensate Return Piping</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	600
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 System</b>	Does not exist
<b>Steam Piping</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	600
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>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>STEAM SUPPLIED BY EXTERNAL SOURCES</b>	
<b>Terminal Fan Coil Unit</b>	Does not exist
<b>Unit Heater/Cabinet Heater</b>	Does not exist
<b>HEATING PLANT</b>	
Replacement Quantity	438
Replacement Uom	MBH
<b>Boiler Auxiliaries</b>	Inspected
<b>Boiler Blowdown/Piping System</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Breeching</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Damper (In Breeching)</b>	Does not exist
<b>Boiler Emergency Stop Switch</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	Inspected
<b>Boiler Feedwater Pump</b>	Does not exist
<b>Boiler Feedwater Tank</b>	Does not exist
<b>Feedwater Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater Treatment(Automatic)</b>	Does not exist
<b>Boiler Gas Burner</b>	Does not exist

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<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>Boiler Auxiliaries</b>	
<b>Boiler Gas/Oil Burner</b>	Does not exist
<b>Boiler Header Valve</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	Does not exist
<b>Boiler Make-up Water Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Oil Burner</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Boiler Room Steam And Condensate Piping</b>	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	150
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Boiler Safety Valve</b>	Inspected
Condition	3- Fair
Deficiency	MISSING SAFETY VALVE PIPING
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Burner Control Panel</b>	Does not exist
<b>Boiler System</b>	Inspected
<b>Coal-fired Boiler</b>	Does not exist
<b>Hot Water Boiler</b>	Does not exist
<b>Modular Boiler</b>	Does not exist
<b>Steam Boiler</b>	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	438
Instance Quantity Uom	MBH
Manufacturer	Weil Mclain
EquipmentId	N/A
Capacity/Size	N/A
Installation Year	1940
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Boiler Room

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<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<b>Steam Boiler</b>	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Fuel Systems</b>	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>CO/Gas Leak Detection</b>	Does not exist
<b>Fuel Oil Heater</b>	Does not exist
<b>Fuel Oil Level Gauge</b>	Does not exist
<b>Fuel Oil Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fuel Oil Tank</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fuel Transfer Pump</b>	Does not exist
<b>Gas Trains And Vent At The Boiler</b>	Does not exist
<b>Oil Leak Detector In Tank Room</b>	Does not exist
<b>Overfill Alarm By Oil Fill</b>	Does not exist
<b>KITCHEN</b>	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>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>VENTILATION</b>	Does not exist