

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

Mechanical Inspection

K307

School: **P.S. 307 - BROOKLYN, 209 YORK STREET, BROOKLYN, NY, 11201**

InspectionId	Inspection Type	Time In	Last Edited
1188168	MECHANICAL	2009-06-05 08:06AM	2009-06-10 02:21PM

Asset Data

Question	Answer
Heating Plant Oil Number	4
Have any Systems/Major Building Components been upgraded?	Systems: Domestic Water Main Valves , Boiler # 1 Safety Valves Years: 2008 Systems: 13 Exhaust Fans , 2 Domestic Water Electric Heaters , 2 Sewage ejector pumps Years: 2007 Systems: D X Split A/C Unit 2 Sump Pumps Years: 2005

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	3- Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
Damper Actuator	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DDC Computer	Does not exist
Local Control Panel	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	MGR # 221 / Dampers Can not to be Control by the Panel& the Switch is Defective
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR

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Question	Response
CLIMATE CONTROL SYSTEM	
Local Control Panel	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Pneumatic PRV Station	
Condition	Inspected
Deficiency	3- Fair
Pneumatic Tubing	
Condition	Inspected
Deficiency	3- Fair
Refrigerated Air Dryer	
Condition	Does not exist
Temperature Control Air Compressor	
Condition	Inspected
Deficiency	3- Fair
Temperature Control Thermostat	
Condition	Inspected
Deficiency	3- Fair
Temperature Control Zone Valve	
Condition	Inspected
Deficiency	3- Fair
Terminal Unit Thermostatic Valve	
Condition	Inspected
Deficiency	3- Fair
COMPACTOR	
Condition	Does not exist
CONVEYING	
Condition	Inspected
Dumbwaiters	
Condition	Does not exist
Elevators	
Condition	Does not exist
Escalators	
Condition	Does not exist
Non-auditorium Handicap Lift	
Condition	Does not exist
Sidewalk / Ash Hoist	
Condition	Inspected
Deficiency	4- Between Fair and Poor
Deficiency Location/Instance	TRACTION:INOPERABLE
Deficiency Quantity	Basement Next to Gas Meter Sprinklers Room Room / York St. side
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPAIR
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
DOMESTIC WATER SYSTEM	
Condition	Inspected
Domestic Cold Water System	
Condition	Inspected
Gravity System	
Condition	Does not exist
Pressure Booster System	
Condition	Does not exist
Water Service	
Condition	Inspected
Service Piping (Water Main)	
Condition	Inspected
Deficiency	2- Between Good and Fair
Water Main - Double Check Valve	
Condition	Does not exist
Water Main - RPZ	
Condition	Does not exist
Domestic Hot Water System	
Condition	Inspected
Domestic Hot Water Circulating Pump	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Domestic Hot Water Remote Storage Tank	Does not exist
Domestic Water Heat Exchanger	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Electric Domestic Water Heater	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Does not exist
Oil Fired Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
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	No deficiencies recorded
Sewage / Waste Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not exist
Sump Pump	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Vent Piping	Inspected
Condition	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	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
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
Student	
Inspected	
Drinking Fountain	
Inspected	
Condition	3- Fair

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Question	Response
FIXTURES	
Student	
Drinking Fountain	
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Locker Room Shower	
Condition	Inspected
Alternative Use	3- Fair
Deficiency	Yes
Deficiency Location/Instance	NOT IN USE
Deficiency Quantity	1st Gym Locker Room / 1 of 1
Quantity Uom	1
Potential Action	EACH
Urgency of Action	NO ACTION
Purpose of Action	PRIORITY 1
Violations	LEVEL 1
Violations	No violations recorded
Sink And Fountain Combo Unit	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	DEFECTIVE
Deficiency Quantity	Room # 238 , 208 / Cracked
Quantity Uom	3
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
Violations	No violations recorded
Urinal	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	DEFECTIVE
Deficiency Quantity	Room # 238 / Cracked
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
Violations	No violations recorded
GAS FIRED FURNACE	
	Does not exist
GAS SERVICE	
	Inspected
Gas Distribution Piping	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	
	Does not exist
Gas Meter Room Vent	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	
	Does not exist
HEATING	
	Inspected
Baseboard/Fin Tube	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
HEATING	
Heating Coils In Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not exist
Radiator / Convectector	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	MER #221 , Boiler Room , Crawlspace
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	MER #221 / Auditorium Gym Supply Fans & Cafeteria H. V. Unit ,
Deficiency Quantity	250
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	No deficiencies recorded
Steam Condensate Return System	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE PUMP
Deficiency Location/Instance	Boiler Room / Pumps leak 2 of 2
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
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
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	3- Fair

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HEATING	
Steam Heating	
Terminal Unit Thermostatic Trap	
Deficiency	No deficiencies recorded
STEAM SUPPLIED BY EXTERNAL SOURCES	
Terminal Fan Coil Unit	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Room # 136 , 134 , 132 , 130 / 4 of 4
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Unit Heater/Cabinet Heater	
HEATING PLANT	
Replacement Quantity	9,440
Replacement Uom	MBH
Boiler Auxiliaries	
Boiler Blowdown/Piping System	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Breeching	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Damper (In Breeching)	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Boiler Feedwater Pump	
Boiler Feedwater Tank	
Feedwater Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Gas Burner	
Boiler Gas/Oil Burner	
Boiler Header Valve	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Boiler Make-up Water Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Oil Burner	
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Oil Burner	
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Room Steam And Condensate Piping	
Condition	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	250
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Safety Valve	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Burner Control Panel	
Condition	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations 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	
Instance	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,720
Instance Quantity Uom	MBH
Manufacturer	FEDERAL
EquipmentId	51944 - 01
Capacity/Size	4720 MBH (Net)
Installation Year	1965
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
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,720
Instance Quantity Uom	MBH

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Manufacturer	FEDERAL
EquipmentId	51944 - 02
Capacity/Size	4720 MBH (Net)
Installation Year	1965
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
Deficiency	PLUGGED TUBES
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel Systems	Inspected
Boiler Fresh Air Louver/Damper	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	Does not exist
Fuel Oil Heater	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Level Gauge	Inspected
Condition	5- Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room / 1 of 1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel Oil Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Tank	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Transfer Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	Does not exist
Oil Leak Detector In Tank Room	Does not exist
Overfill Alarm By Oil Fill	Does not exist
KITCHEN	Inspected
Instance	1st Floor
CO Detector	

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Question	Response
KITCHEN	
CO Detector	
Instance on 1st Floor	Does not exist
CO/Gas Leak Detector	
Instance on 1st Floor	Does not exist
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 1st Floor	Does not exist
Hot Water Temperature Booster	
Instance on 1st Floor	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room / leaks
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	MISSING INDIRECT WASTE
Deficiency Location/Instance	Kitchen / 2 Sinks
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 4
Violations	21280
SCIENCE DEMO ROOM	
Does not exist	
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	

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	3- Fair
Deficiency	MISSING CAPS
Deficiency Location/Instance	York St.
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
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	1- Good
Deficiency	No deficiencies recorded
Fire / Smoke Damper	Does not exist
Heating And Ventilating Unit	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	MER Room # 221 / 1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Supply Fan	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Unit Ventilator	Does not exist