

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

Mechanical Inspection

M233

School: **P.S. 132 ANNEX - MANHATTAN, 601 WEST 183 STREET, MANHATTAN, NY, 10033**

InspectionId	Inspection Type	Time In	Last Edited
49582	MECHANICAL	2008-11-04 08:35AM	2008-12-16 04:58PM

Asset Data

Question	Answer
Heating Plant Oil Number	2
Have any Systems/Major Building Components been upgraded?	Systems: 1 Steam Boiler / 1 Elevator / 1 Dx Split A/C / 2 Domestic Electric Water Heaters / 1 Gas Fired Furnace 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	1- Good
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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Temperature Control Zone Valve	Does not exist
Terminal Unit Thermostatic Valve	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected

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Question	Response
CONVEYING	
Dumbwaiters	Does not exist
Elevators	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Escalators	Does not exist
Non-auditorium Handicap Lift	Does not exist
Sidewalk / Ash Hoist	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	Does not exist
Domestic Hot Water System	Inspected
Domestic Hot Water Circulating Pump	Does not exist
Domestic Hot Water Remote Storage Tank	Does not exist
Domestic Water Heat Exchanger	Does not exist
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	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
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

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sewage / Waste Piping	
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	Does not exist
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
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	
	Does not exist
Toilet	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	
	Does not exist
GAS FIRED FURNACE	
	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Roof/ Defective Blower
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 2

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Question	Response
GAS FIRED FURNACE	
Violations	No violations recorded
Deficiency	DEFECTIVE
Deficiency Location/Instance	Roof / Defective Damper
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Roof
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not exist
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Does not exist
HEATING	Inspected
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	54
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	Does not exist
MER Steam and Condensate Piping	Does not exist
Steam Condensate Return Piping	Does not exist
Steam Condensate Return System	Does not exist
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	Does not exist
STEAM SUPPLIED BY EXTERNAL SOURCES	Does not exist

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Question	Response
HEATING	
Terminal Fan Coil Unit	Does not exist
Unit Heater/Cabinet Heater	Does not exist
HEATING PLANT	Inspected
Replacement Quantity	1,089
Replacement Uom	MBH
Boiler Auxiliaries	Inspected
Boiler Blowdown/Piping System	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Breeching	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Damper (In Breeching)	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Feedwater System	Inspected
Boiler Feedwater Pump	Does not exist
Boiler Feedwater Tank	Does not exist
Feedwater Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	Does not exist
Boiler Gas Burner	Does not exist
Boiler Gas/Oil Burner	Does not exist
Boiler Header Valve	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	Does not exist
Boiler Make-up Water Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Oil Burner	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Safety Valve	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Burner Control Panel	Does not exist
Boiler System	Inspected
Coal-fired Boiler	Does not exist
Hot Water Boiler	Does not exist
Modular Boiler	Does not exist
Steam Boiler	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1,089
Instance Quantity Uom	MBH

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Manufacturer	H.B. Smith
EquipmentId	N/A
Capacity/Size	1089 MBH (net)
Installation Year	2006
Deficiency	No deficiencies recorded
Fuel Systems	Inspected
Boiler Fresh Air Louver/Damper	Does not exist
CO/Gas Leak Detection	Does not exist
Fuel Oil Heater	Does not exist
Fuel Oil Level Gauge	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Fuel Oil Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Fuel Oil Tank	Inspected
Condition	1- Good
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	Basement
CO Detector	
Instance on Basement	Does not exist
CO/Gas Leak Detector	
Instance on Basement	Does not exist
Gas System	
Instance on Basement	Does not exist
Grease Trap	
Instance on Basement	Does not exist
Hood	
Instance on Basement	Does not exist
Hood Exhaust Ductwork	
Instance on Basement	Does not exist
Hood Exhaust Fan	
Instance on Basement	Does not exist
Hood Fire Suppression System	
Instance on Basement	Does not exist
Hot Water Temperature Booster	
Instance on Basement	Does not exist
Kitchen Sink	

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Question	Response
KITCHEN	
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	Inspected
Condition	5- Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	St. Nicholas Street
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 2
Violations	No violations recorded
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	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist