

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

Mechanical Inspection

X500

School: **HOSTOS LINCOLN ACADEMY OF SCI HS-X, 475 GRAND CONCOURSE, BRONX, NY, 10451**

InspectionId	Inspection Type	Time In	Last Edited
1267098	MECHANICAL	2009-03-04 12:54PM	2009-03-12 10:48AM

Asset Data

Question	Answer
Heating Plant Oil Number	4
Have any Systems/Major Building Components been upgraded?	Systems: Domestic Gas Fired Water Heater Years: 2008 Systems: Domestic Gas Fired Water Heater Years: 2007 Systems: Steam Condensate Return System Years: 2004

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	Does not exist
Packaged / Rooftop Unit	Inspected
Instance	Room # 102
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	TASK USA INC
EquipmentId	N/A
Capacity/Size	20 Tons
Installation Year	1984
Deficiency	No deficiencies recorded
Instance	Roof Old Wing
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	CARRIER
EquipmentId	N/A
Capacity/Size	30 tons each
Installation Year	1989
Deficiency	No deficiencies recorded
Instance	Roof Old Wing
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	CARRIER
EquipmentId	N/A
Capacity/Size	15 Tons
Installation Year	1989
Deficiency	No deficiencies recorded
Instance	Room # 202
Instance Condition	3- Fair
Instance Quantity	1

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Instance Quantity Uom	EACH
Manufacturer	TASK USA INC
EquipmentId	N/A
Capacity/Size	20 Tons
Installation Year	1984
Deficiency	No deficiencies recorded
Instance	Room # 001
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	TASK USA INC
EquipmentId	N/A
Capacity/Size	20 Tons
Installation Year	1984
Deficiency	No deficiencies recorded
Instance	Room # 201
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	TASK USA INC
EquipmentId	N/A
Capacity/Size	20 Tons
Installation Year	1984
Deficiency	No deficiencies recorded
Instance	Room # 101
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	TASK USA INC
EquipmentId	N/A
Capacity/Size	20 Tons
Installation Year	1984
Deficiency	No deficiencies recorded
Instance	Room # 301
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	TASK USA INC
EquipmentId	N/A
Capacity/Size	20 Tons
Installation Year	1984
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Does not exist
Refrigerant Piping	Does not exist
Return Fan	Does not exist
Window Type A/C	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	
Damper Actuator	Inspected
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
CLIMATE CONTROL SYSTEM	
DDC Computer	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Local Control Panel	Inspected
Condition	3- Fair
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	3- 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
Dumbwaiters	Does not exist
Elevators	Inspected
Condition	3- Fair
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	Inspected
Roof Tank	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Supply Pump	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Basement
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Pressure Booster System	Does not exist
Water Service	Inspected
Service Piping (Water Main)	Inspected
Condition	2- Between Good and 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	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

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	Inspected
Instance	Basement
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A.O. Smith
EquipmentId	N/A
Capacity/Size	72.82 GAL.PH/75,100 BTU/H (INPUT)
Installation Year	2007
Deficiency	No deficiencies recorded
Instance	Basement
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	RHEEM
EquipmentId	N/A
Capacity/Size	75 Gal /75,000 BTU/H (Input)
Installation Year	2008
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
House Trap	Inspected
Condition	3- Fair
Deficiency	DETERIORATED
Deficiency Location/Instance	Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Interior Floor Drain	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Interior Storm Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sewage / Waste Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not exist
Sump Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Vent Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
EMERGENCY GENERATOR	Does not exist
FIXTURES	Inspected

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Question	Response
FIXTURES	
Staff And Other	Inspected
Boiler Room - Eye Wash	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Janitor Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2- Between Good and 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	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	Does not exist
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Does not exist
HEATING	Inspected
Baseboard/Fin Tube	Inspected
Condition	3- Fair
Deficiency	DAMAGED GUARD/SHIELD
Deficiency Location/Instance	Corridor (5th FL)
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating Coils In Ductwork	Does not exist
Hydronic Heating	Does not exist
Radiator / Convect	Inspected

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Question	Response
HEATING	
Radiator / Convector	
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	
	Inspected
F&T/Steam Drip Trap	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	
	Does not exist
Steam Condensate Return Piping	
	Inspected
Condition	2- Between Good and Fair
Deficiency	LEAKS
Deficiency Location/Instance	Basement
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return System	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Piping	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies 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
Unit Heater/Cabinet Heater	
	Does not exist
HEATING PLANT	
	Inspected
Replacement Quantity	15,592
Replacement Uom	MBH
Boiler Auxiliaries	
	Inspected
Boiler Blowdown/Piping System	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Breeching	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Damper (In Breeching)	
	Inspected
Condition	2- Between Good and 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

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HEATING PLANT	
Boiler Auxiliaries	
Boiler Feedwater System	
Feedwater Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Gas Burner	
Condition	Does not exist
Boiler Gas/Oil Burner	
Condition	Inspected
Deficiency	2- Between Good and Fair
Boiler Header Valve	
Condition	Inspected
Deficiency	2- Between Good and Fair
Boiler Make-up Water Backflow Preventer	
Double Check Valves	
Condition	Does not exist
RPZ	
Condition	Inspected
Deficiency	2- Between Good and Fair
Boiler Make-up Water Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Boiler Oil Burner	
Condition	Does not exist
Boiler Room Steam And Condensate Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Boiler Safety Valve	
Condition	Inspected
Deficiency	2- Between Good and Fair
Burner Control Panel	
Condition	Inspected
Deficiency	3- Fair
Boiler System	
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 Condition	Boiler Room (Penthouse)
Instance Quantity	3- Fair
Instance Quantity Uom	7,796
Manufacturer	MBH
EquipmentId	CLEAVER BROOKS
Capacity/Size	Boiler #1
Installation Year	12,552,000 BTU/H (Input)
Deficiency	1990
Instance	No deficiencies recorded
Instance Condition	Boiler Room (Penthouse)
Instance Quantity	3- Fair
Instance Quantity Uom	7,796
Manufacturer	MBH
EquipmentId	CLEAVER BROOKS
Capacity/Size	Boiler # 2
Installation Year	
Deficiency	

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Capacity/Size	12,552,000 BTU/H (Input)
Installation Year	1990
Deficiency	No deficiencies recorded
Fuel Systems	
Boiler Fresh Air Louver/Damper	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	
Fuel Oil Heater	
Fuel Oil Level Gauge	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Piping	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Tank	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Transfer Pump	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Oil Leak Detector In Tank Room	
Overfill Alarm By Oil Fill	
KITCHEN	
SCIENCE DEMO ROOM	
SCIENCE LAB	
Instance	Rooms: 513, 521
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Rooms: 513, 521	Does not exist
CO Detector	
Instance on Rooms: 513, 521	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
CO/Gas Leak Detector	
Instance on Rooms: 513, 521	Does not exist
Emergency Shower	
Instance on Rooms: 513, 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Eye Wash	
Instance on Rooms: 513, 521	Does not exist
Hood Exhaust Ductwork	
Instance on Rooms: 513, 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Rooms: 513, 521	Inspected

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Question	Response
SCIENCE LAB	
Hood Exhaust Fan	
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Laboratory Hood	
Instance on Rooms: 513, 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Rooms: 513, 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Rooms: 513, 521	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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Alarm Valve Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Standpipe System	Inspected
Hose Valve Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE DUCTWORK

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Question	Response
VENTILATION	
Metal Ductwork	
Deficiency Location/Instance	Roof Old Wing
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist