

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

Mechanical Inspection

X500

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

InspectionId	Inspection Type	Time In	Last Edited
1640155	MECHANICAL	2011-02-25 08:44AM	2011-03-28 10:24PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Domestic water supply pumps Years: 2009 Systems: Gas fired domestic water heater Years: 2007 Systems: 4 Condensate return pumping systems Years: 2006
Are there fuel tanks?	Yes
Total # of above ground tanks	3
Total capacity of all above ground tanks in gal.	13,275
Total # of below ground tanks	0
Total capacity of all below ground tanks in gal.	0

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	Old wing Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	N/A
Capacity/Size	N/A
Installation Year	1989
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MR 102
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	AC-3
Capacity/Size	NIA
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MR 101
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	AC-10

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Question	Response
AIR CONDITIONING	
PACKAGED / ROOFTOP UNIT	
Capacity/Size	N/A
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MR 202
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	AC-5
Capacity/Size	N/A
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MR 201
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	AC-1
Capacity/Size	N/A
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MR 301
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	AC-6
Capacity/Size	N/A
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Old wing Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	N/A
Capacity/Size	N/A
Installation Year	1989
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Room 002
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	AC-8
Capacity/Size	N/A
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded

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Question	Response
AIR CONDITIONING	
PACKAGED / ROOFTOP UNIT	
Instance	Room 002
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Task USA
EquipmentId	N/A
Capacity/Size	N/A
Installation Year	1984
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
PACKAGED TERMINAL A/C	Does not exist
REFRIGERANT PIPING	Does not exist
RETURN FAN	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	Inspected
DDC SYSTEM	Inspected
Instance	Throughout
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
ELECTRIC SYSTEM	Does not exist
HYBRID SYSTEM	Does not exist
PNEUMATIC SYSTEM	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected
ASH HOIST	Does not exist
DUMBWAITERS	Does not exist
ELEVATORS	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
ESCALATORS	Does not exist
Non-auditorium Handicap Lift - Stair	Does not exist
Non-auditorium Handicap Lift - Vertical	Does not exist
SIDEWALK ELEVATOR	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	1- Good

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Question	Response
DOMESTIC WATER SYSTEM	
DOMESTIC COLD WATER SYSTEM	
Gravity System	
Supply Pump	
Deficiency	No deficiencies 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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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
Gas Fired Domestic Water Heater	Inspected
Instance	Sub-Basement
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A.O. Smith
EquipmentId	N/A
Capacity/Size	75 MBH/ 74 Gallons
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Sub-Basement
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	RUUD (Rheem)
EquipmentId	N/A
Capacity/Size	75 MBH/ 75 Gallons
Installation Year	2007
Source of Installation Year	Documented
Deficiency	NOT IN USE
Deficiency Location/Instance	Sub-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
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

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
HOUSE TRAP	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
INTERIOR FLOOR DRAIN	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
INTERIOR STORM PIPING	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
SEWAGE / WASTE PIPING	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
SEWAGE EJECTOR PUMP	
Condition	Does not exist
SUMP PUMP	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	Sub-Basement
Quantity Uom	2
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 1
Violations	LEVEL 2
Violations	No violations recorded
VENT PIPING	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Condition	Does not exist
FIXTURES	
STAFF AND OTHER	
Janitor Sink	
Condition	Inspected
Deficiency	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
STUDENT	
Drinking Fountain	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
Locker Room Shower	
Condition	Does not exist
Sink And Fountain Combo Unit	
Condition	Does not exist
Toilet	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
FIXTURES	
STUDENT	
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
CO/GAS LEAK DETECTION	Does not exist
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	Inspected
Instance	Penthouse
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Eclipse
EquipmentId	N/A
Capacity/Size	29,500 SCFH
Installation Year	1990
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
HEATING	Inspected
BASEBOARD/FIN TUBE	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HEATING COILS IN DUCTWORK	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HYDRONIC HEATING	Does not exist
RADIATOR / CONVECTOR	Inspected
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	No deficiencies recorded
Steam Condensate Return Pumping 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
UNIT HEATER/CABINET HEATER	Inspected

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Question	Response
HEATING	
UNIT HEATER/CABINET HEATER	
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Replacement Quantity	Inspected
Replacement Uom	15,592
Instance	MBH
Burner Type	Penthouse
Heating Plant Oil Number	Dual Fuel (Gas / Oil)
	4
BOILER AUXILIARIES	
Instance on Penthouse	Inspected
Boiler Auxiliary Piping	
Instance on Penthouse	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Penthouse	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Penthouse	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Flue Exhaust	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Penthouse	Does not exist
Boiler Room Steam And Condensate Piping	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
BOILER SYSTEM	
Instance on Penthouse	Inspected
Coal-fired Boiler	
Instance on Penthouse	Does not exist
Hot Water Boiler	
Instance on Penthouse	Does not exist
Modular Boiler	
Instance on Penthouse	Does not exist
Steam Boiler	
Instance on Penthouse	Inspected
Instance	Penthouse
Instance Condition	3- Fair
Instance Quantity	7,796

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Question	Response
HEATING PLANT	
BOILER SYSTEM	
Steam Boiler	
Instance Quantity Uom	MBH
Manufacturer	Cleaver Brooks
EquipmentId	N/A
Capacity/Size	12552 MBH(Input)
Installation Year	1990
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Penthouse
Instance Condition	3- Fair
Instance Quantity	7,796
Instance Quantity Uom	MBH
Manufacturer	Cleaver Brooks
EquipmentId	N/A
Capacity/Size	12552 MBH(Input)
Installation Year	1990
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
FUEL SYSTEMS	
Instance on Penthouse	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Penthouse	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
IDF (ENCLOSED ROOMS)	Does not exist
KITCHEN	Does not exist
MDF ROOM	Inspected
Instance	Room 224 (DX Split system and central A/C)
A/C EQUIPMENT	
Instance on Room 224 (DX Split system and central A/C)	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
VENTILATION EQUIPMENT	
Instance on Room 224 (DX Split system and central A/C)	Does not exist
SCIENCE DEMO ROOM	Does not exist
SCIENCE LAB	
Instance on Room 513	Inspected
Alternative Use	No
Instance on Room 521	Inspected
Alternative Use	No

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Question	Response
SCIENCE LAB	
ACID WASTE NEUTRALIZING TANK	
Instance on Room 513	Does not exist
Instance on Room 521	Does not exist
CO DETECTOR	
Instance on Room 513	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DETECTOR MISSING
Deficiency Location/Instance	Room 513
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Instance on Room 521	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DETECTOR MISSING
Deficiency Location/Instance	Room 521
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
EMERGENCY SHOWER	
Instance on Room 513	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
EYE WASH	
Instance on Room 513	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 521	Does not exist
FIXED LABORATORY HOOD	
Instance on Room 513	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HOOD EXHAUST DUCTWORK	
Instance on Room 513	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HOOD EXHAUST FAN	
Instance on Room 513	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
SCIENCE LAB	
HOOD EXHAUST FAN	
Instance on Room 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
LABORATORY SINK	
Instance on Room 513	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 521	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MAKE-UP AIR UNIT	
Instance on Room 513	Does not exist
Instance on Room 521	Does not exist
PORTABLE LABORATORY HOOD	
Instance on Room 513	Does not exist
Instance on Room 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	Does not exist
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
EXHAUST FAN	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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