

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

Mechanical Inspection

K400

School: **LAFAYETTE HS - K, 2630 BENSON AVENUE, BROOKLYN, NY, 11214**

InspectionId	Inspection Type	Time In	Last Edited
1188180	MECHANICAL	2009-06-15 09:24AM	2009-06-24 11:16AM

Asset Data

Question	Answer
Heating Plant Oil Number	N/A
Have any Systems/Major Building Components been upgraded?	Systems: Electric Domestic Water Heater Years: 2008 Systems: 4 Science Labs Rooms & 4 Science Prep Rooms Years: 2006 Systems: Kitchen Hood fire Suppression System . Years: 2003 Systems: Elevator(Partial Upgrade) / Dx Split A/C Years: 2007

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	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room # 136 (MDF)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
CLIMATE CONTROL SYSTEM	Under construction
COMPACTOR	Does not exist
CONVEYING	Inspected

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Question	Response
CONVEYING	
Dumbwaiters	Does not exist
Elevators	Inspected
Condition	2- Between Good and 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	Does not exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Does not exist
Hydraulic/Pneumatic Booster System	Inspected
Domestic Cold Water Tank	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Pressure Booster Pump	Inspected
Condition	5- Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room / 2 of 2 (they need the Pumps for 4th Floor Bathrooms)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Water Pressure Booster - Compressor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Domestic Hot Water Remote Storage Tank	Does not exist
Domestic Water Heat Exchanger	Under construction
Electric Domestic Water Heater	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Under construction
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	Inspected
House Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
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	Under construction
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	Inspected
Condition	3- Fair
Alternative Use	Yes
Deficiency	NOT IN USE
Deficiency Location/Instance	3rd Floor locker Room # 365 , Basement Wight Room # B - 58 / Girls , Boys
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	3- Fair

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Question	Response
FIXTURES	
Student	
Toilet	
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Under construction
HEATING	Inspected
Baseboard/Fin Tube	Does not exist
Heating Coils In Ductwork	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Penthouse MER (17) , Basement MER (17) /
Deficiency Quantity	34
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hydronic Heating	Does not exist
Radiator / Convectector	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	250
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	Under construction
MER Steam and Condensate Piping	Under construction
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	3,500
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return System	Under construction
Steam Piping	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	3,500
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Question	Response
HEATING	
Steam Heating	
Terminal Unit Thermostatic Trap	Under construction
STEAM SUPPLIED BY EXTERNAL SOURCES	
Terminal Fan Coil Unit	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
	Under construction
KITCHEN	
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	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on Basement	Inspected
Instance	Kitchen
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	RANGE GUARD
EquipmentId	N/A
Capacity/Size	6 Gallons
Installation Year	2003
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room / top of Domestic Water Heat Exchanger
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1

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Question	Response
KITCHEN	
Hot Water Temperature Booster	
Purpose of Action	LEVEL 1
Violations	No violations recorded
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance	Inspected
Alternative Use	Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105
Alternative Use	Yes
Acid Waste Neutralizing Tank	
Instance on Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105	Does not exist
Emergency Shower	
Instance on Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105	Does not exist
Eye Wash	
Instance on Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105	Does not exist
Laboratory Hood	
Instance on Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105	Does not exist
Laboratory Sink	
Instance on Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105	Inspected
Instance Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room # 302 , 313 , 315 , 317 , 348 , 350 , 352 , 202 , 208 , 213 , 115, 105
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
SCIENCE LAB	
Instance	Inspected
Alternative Use	Room # 306 , 309
Alternative Use	No
Instance	Room # 205 , 109
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room # 306 , 309	Does not exist
Instance on Room # 205 , 109	Does not exist
CO Detector	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Does not exist
CO/Gas Leak Detector	
Instance on Room # 306 , 309	Does not exist
Instance on Room # 205 , 109	Does not exist
Emergency Shower	
Instance on Room # 306 , 309	Does not exist
Instance on Room # 205 , 109	Does not exist

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Question	Response
SCIENCE LAB	
Eye Wash	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Laboratory Hood	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room # 306 , 309	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Room # 205 , 109	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SCIENCE PREP ROOM	
Instance	Inspected
Alternative Use	Room # 305 , 308 , 209 , 109A
Alternative Use	No
Acid Waste Neutralizing Tank	
Instance on Room # 305 , 308 , 209 , 109A	Does not exist
Emergency Shower	
Instance on Room # 305 , 308 , 209 , 109A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Eye Wash	
Instance on Room # 305 , 308 , 209 , 109A	Inspected

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Question	Response
SCIENCE PREP ROOM	
Eye Wash	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Room # 305 , 308 , 209 , 109A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Room # 305 , 308 , 209 , 109A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Laboratory Hood	
Instance on Room # 305 , 308 , 209 , 109A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Laboratory Sink	
Instance on Room # 305 , 308 , 209 , 109A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room # 305 , 308 , 209 , 109A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Deluge Valve	Does not exist
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Does not exist
Sprinkler Alarm Valve Assembly	Does not exist
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	
	Inaccessible
VENTILATION	
	Inspected
Duct- Register / Diffuser	
Condition	3- Fair
Deficiency	No deficiencies recorded
Exhaust Fan	
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire / Smoke Damper	
	Does not exist
Heating And Ventilating Unit	
	Does not exist
Metal Ductwork	
Condition	3- Fair
Deficiency	No deficiencies recorded
Supply Fan	
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
VENTILATION	
Unit Ventilator	Inspected
Condition	3- Fair
Deficiency	BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Throughout
Deficiency Quantity	120
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded