

**NYC Department of Education  
Building Condition Assessment Survey 2018-2019**

**Mechanical Inspection**

**X779**

**School:** P.S. 315 - BRONX, 2865 CLAFLIN AVENUE, BRONX, NY, 10468

InspectionId	Inspection Type	Time In	Last Edited
3925	MECHANICAL	2019-04-18 10:49AM	2019-05-13 04:18PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
Are there fuel tanks?	No
Total # of water main service entries to the asset	1
MERs/Fan Rooms Locations	N/A
Are there any Emergency Stop Switches with Missing Hammers?	No components

**Priority Condition**

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
		No condition recorded					

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Inspected
Chilled Water System	Does not exist
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not exist
Cooling Coil in Ductwork	Does not exist
Cooling Tower	Does not exist
Dry Cooler	Does not exist
<b>DX Split System</b>	Inspected
<b>Indoor Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Outdoor Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Packaged / Rooftop Unit</b>	Inspected
Instance	Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	
EquipmentId	RTU-1
Capacity/Size Quantity	20
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Source of Heating	Gas
Deficiency	No deficiencies recorded
<b>Packaged Terminal A/C</b>	Does not exist
<b>Refrigerant Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Return Fan</b>	Does not exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not exist
<b>CLIMATE CONTROL SYSTEM</b>	Inspected
<b>BMS</b>	Does not exist
<b>Electric System</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>CLIMATE CONTROL SYSTEM</b>	
<b>Electric System</b>	
Instance	Throughout
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Rooms 303, 304
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Hybrid System</b>	Does not exist
<b>Pneumatic System</b>	Does not exist
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</b>	Inspected
<b>Ash Hoist</b>	Does not exist
<b>Dumbwaiter</b>	Does not exist
<b>Elevator</b>	Inspected
Condition	3- Fair
Are all the existing elevators operable?	Yes
Deficiency	No deficiencies recorded
<b>Escalator</b>	Does not exist
<b>Non-auditorium Handicap Lift - Stair</b>	Does not exist
<b>Non-auditorium Handicap Lift - Vertical</b>	Does not exist
<b>Sidewalk Elevator</b>	Does not exist
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>Domestic Cold Water System</b>	Inspected
<b>Gravity System</b>	Does not exist
<b>Pressure Booster System</b>	Inspected
<b>    Electric Pressure Booster System</b>	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Federal Pump
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	15
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>    Hydraulic/Pneumatic Booster System</b>	Does not exist
<b>Water Service</b>	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Does not exist
<b>Domestic Water Heat Exchanger</b>	Does not exist
<b>Electric Domestic Water Heater</b>	Does not exist
<b>Gas Fired Domestic Water Heater</b>	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	200
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	91
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Oil Fired Domestic Water Heater</b>	Does not exist
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>Interior Storm Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Sewage Ejector Pump</b>	Does not exist
<b>Sewage/Waste/Vent Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Sump Pump</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	Does not exist
<b>Enclosed IDF Room</b>	Does not exist
<b>FIXTURES</b>	Inspected
<b>Staff And Other</b>	Inspected
<b>Janitor Sink</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Urinal</b>	Does not exist
<b>Student</b>	Inspected
<b>Drinking Fountain</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected

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Question	Response
<b>FIXTURES</b>	
<b>Student</b>	
<b>Lavatory/Sink</b>	
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Locker Room Shower</b>	
	Does not exist
<b>Sink And Fountain Combo Unit</b>	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Toilet</b>	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Urinal</b>	
	Inspected
Condition	2- Between Good and Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boy's Toilet Room 317
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>GAS FIRED FURNACE</b>	
	Does not exist
<b>GAS SERVICE</b>	
	Inspected
<b>CO/Gas Leak Detection</b>	
	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Gas Distribution Piping</b>	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Meter Room Vent</b>	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Pressure Booster</b>	
	Inspected
Instance	Gas Meter Room B07
Instance Condition	1- Good
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Etter
EquipmentId	N/A
Capacity/Size Quantity	1
Capacity/Size UOM	HP
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded

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<b>Question</b>	<b>Response</b>
<b>HEATING</b>	Inspected
<b>Heating Coil In Ductwork</b>	Does not exist
<b>Hydronic Heating</b>	Inspected
<b>Backflow Preventer</b>	Does not exist
<b>Hot Water Heat Exchanger</b>	Does not exist
<b>Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Radiator/Convactor/Fin Tube</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Steam Heating</b>	Does not exist
<b>Steam supplied by External Sources</b>	Does not exist
<b>Unit Heater/Cabinet Heater</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	
Replacement Quantity	3,478
Replacement Uom	MBH NET
Instance on Basement	Inspected
Burner Type	Gas
Heating Plant Oil Number	N/A
<b>Boiler Auxiliaries</b>	
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on Basement	Does not exist
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Does not exist
<b>Boiler Flue Exhaust</b>	
Instance on Basement	Does not exist
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Does not exist
<b>Boiler Safety Valve</b>	
Instance on Basement	Does not exist
<b>Boiler System</b>	
Instance on Basement	Inspected
<b>Coal-fired Boiler</b>	
Instance on Basement	Does not exist
<b>Hot Water Boiler</b>	
Instance on Basement	Does not exist
<b>Modular Boiler</b>	
Instance on Basement	Inspected

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<b>Modular Boiler</b>	
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1,739
Instance Quantity Uom	MBH NET
Manufacturer	Lochinvar
EquipmentId	171033-01
Capacity/Size Quantity	2500
Capacity/Size UOM	MBH Input
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1,739
Instance Quantity Uom	MBH NET
Manufacturer	Lochinvar
EquipmentId	171033-02
Capacity/Size Quantity	2500
Capacity/Size UOM	MBH Input
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Steam Boiler</b>	
Instance on Basement	Does not exist
<b>Fuel System</b>	
Instance on Basement	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Does not exist
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Does not exist
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Does not exist
<b>KITCHEN</b>	
Instance on Basement	Inspected
<b>CO Detector</b>	
Instance on Basement	Not required
<b>Gas System</b>	
Instance on Basement	Does not exist
<b>Grease Trap</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Hood</b>	
Instance on Basement	Does not exist
<b>Hood Exhaust Ductwork</b>	

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>Hood Exhaust Ductwork</b>	
Instance on Basement	Does not exist
<b>Hood Exhaust Fan</b>	
Instance on Basement	Does not exist
<b>Hood Fire Suppression System</b>	
Instance on Basement	Does not exist
<b>Hot Water Temperature Booster</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Kitchen Sink</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>MDF Room</b>	
Instance on Room 306B	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 306B	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	
	Does not exist
<b>SCIENCE LAB</b>	
Instance on Room 301	Inspected
Alternative Use	No
<b>Acid Waste Neutralizing Tank</b>	
Instance on Room 301	Does not exist
<b>CO Detector</b>	
Instance on Room 301	Not required
<b>Emergency Shower</b>	
Instance on Room 301	Does not exist
<b>Eye Wash</b>	
Instance on Room 301	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Fixed Laboratory Hood</b>	
Instance on Room 301	Does not exist
<b>Hood Exhaust Ductwork</b>	
Instance on Room 301	Does not exist
<b>Hood Exhaust Fan</b>	
Instance on Room 301	Does not exist
<b>Laboratory Sink</b>	
Instance on Room 301	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Make-up Air Unit</b>	
Instance on Room 301	Does not exist
<b>SCIENCE PREP ROOM</b>	
	Does not exist
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
	Does not exist
<b>SWIMMING POOL</b>	
	Does not exist
<b>VENTILATION</b>	
<b>Exhaust Fan</b>	Inspected
Condition	2- Between Good and Fair

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Question	Response
<b>VENTILATION</b>	
<b>Exhaust Fan</b>	
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Heating And Ventilating Unit</b>	Does not exist
<b>Metal Ductwork</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Supply Fan</b>	Does not exist
<b>Unit Ventilator</b>	Does not exist