

**NYC Department of Education  
Building Condition Assessment Survey 2017 - 2018**

Mechanical Inspection

K780

**Asset: PRE-K CENTER @ 7401 FORT HAMILTON PARKWAY - BROOKLYN, 7401 FORT HAMILTON PARKWAY, New York, 11228**

Inspection Id	Inspection Type	Time In	Last Edited
ME : K780	Mechanical	2017-11-27 11:12 AM	2017-11-27 4:10 PM

**Asset Data**

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	0
Total capacity of all above ground tanks in gal.	0
Total # of below ground tanks	1
Total capacity of all below ground tanks in gal.	10,000
Total # of water main service entries to the asset	1
MERs/Fan Rooms Locations	None
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Emergency Stop Switches with Missing Hammers?	No
Are there any Painted/Obstructed Sprinkler Heads?	No
Have any Systems/Major Building Components been upgraded?	No

**Priority Condition**

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Defective CO/Gas Leak Detection	Control Panels are in Fault	GAS SERVICE   CO/Gas Leak Detection	Boiler Room, Custodian's Office	James Clark	Fireman	Sent to DSF	

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Inspected
<b>Chilled Water System</b>	Does not Exist
<b>Condenser Water Distribution: Piping, Pumps and Auxiliaries</b>	Does not Exist
<b>Cooling Coil in Ductwork</b>	Does not Exist
<b>Cooling Tower</b>	Does not Exist
<b>DX Split System</b>	Inspected
<b>Indoor Unit</b>	Inspected
Condition	1 - Good
Deficiency	UP TO 5 TONS: DEFECTIVE CONTROLS
Deficiency Location/Instance	Security Office, Storage Room 118
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Outdoor Unit</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Dry Cooler</b>	Does not Exist
<b>Packaged / Rooftop Unit</b>	Does not Exist
<b>Packaged Terminal A/C</b>	Does not Exist

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<b>Question</b>	<b>Response</b>
<b>AIR CONDITIONING</b>	
<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>Pneumatic System</b>	Does not Exist
<b>Hybrid System</b>	Does not Exist
<b>Electric System</b>	Inspected
Instance	Throughout
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
<b>COMPACTOR</b>	Does not Exist
<b>CONVEYING</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	Basement Water Meter Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pump
Equipment	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	6
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>Hydraulic/Pneumatic Booster System</b>	Does not Exist
<b>Water Service</b>	Inspected
Instance	Basement Water Meter Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
<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

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Question	Response
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Hot Water System</b>	
<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
Instance Manufacturer	A.O. Smith
Equipment	N/A
Capacity/Size Quantity	75
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	98
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>Oil Fired Domestic Water Heater</b>	Does not Exist
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>Interior Storm Piping</b>	Does not Exist
<b>Sewage/Waste/Vent Piping</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Sewage Ejector Pump</b>	Does not Exist
<b>Sump Pump</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</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	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE FLUSHOMETER VALVE
Deficiency Location/Instance	Room 205
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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Question	Response
<b>FIXTURES</b>	
<b>Staff And Other</b>	
<b>Toilet</b>	Inspected
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Urinal</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Student</b>	Inspected
<b>Drinking Fountain</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	1 - Good
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Rooms 203, 204
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Locker Room Shower</b>	Does not Exist
<b>Sink And Fountain Combo Unit</b>	Does not Exist
<b>Toilet</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Urinal</b>	Does not Exist
<b>GAS FIRED FURNACE</b>	Does not Exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	2 - Between Good and Fair
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>	Does not Exist
<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	2015
Source of Installation	Documented
Deficiency	DEFECTIVE CONTROL PANEL

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<b>GAS SERVICE</b>	
<b>CO/Gas Leak Detection</b>	
Deficiency Location/Instance	Boiler Room, Custodian's Office
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>HEATING</b>	
	Inspected
<b>Heating Coil In Ductwork</b>	Does not Exist
<b>Hydronic Heating</b>	Inspected
<b>Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	PIPING: DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Hallway outside Room 113
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Backflow Preventer</b>	Does not Exist
<b>Hot Water Heat Exchanger</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Radiator/Convactor/Fin Tube</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Heating</b>	Inspected
<b>F&amp;T/Steam Drip Trap</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>MER Steam and Condensate Piping</b>	Does not Exist
<b>Steam Condensate Return Piping</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Steam Condensate Return Pumping System</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Steam Piping</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Terminal Unit Thermostatic Trap</b>	Does not Exist
<b>Steam supplied by External Sources</b>	Does not Exist
<b>Unit Heater/Cabinet Heater</b>	Inspected
Condition	1 - Good

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<b>Question</b>	<b>Response</b>
<b>HEATING</b>	Inspected
<b>Unit Heater/Cabinet Heater</b>	
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	Inspected
Replacement Quantity	3,378
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	2
<b>Boiler Auxiliaries</b>	Inspected
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Safety Valve</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler System</b>	Inspected
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	Does not Exist
<b>Steam Boiler</b>	
Instance on Basement	Inspected
Instance	Boiler Room

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Question	Response
<b>HEATING PLANT</b>	Inspected
<b>Boiler System</b>	
<b>Steam Boiler</b>	
Instance Condition	2 - Between Good and Fair
Instance Quantity	1,689
Instance Quantity Uom	MBH Net
Instance Manufacturer	Weil-McLain
Equipment	112956-01
Capacity/Size Quantity	1,689
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2004
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1,689
Instance Quantity Uom	MBH Net
Instance Manufacturer	Weil-McLain
Equipment	112956-02
Capacity/Size Quantity	1,689
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2004
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>Fuel System</b>	Inspected
Instance on Basement	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1

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<b>HEATING PLANT</b>	Inspected
<b>Fuel System</b>	
<b>Gas Trains And Vent At The Boiler</b>	
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Enclosed IDF Room</b>	Does not Exist
<b>KITCHEN</b>	Inspected
Instance on 1st Floor	Inspected
<b>CO Detector</b>	Not Required
Instance on 1st Floor	Not Required
<b>Gas System</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Grease Trap</b>	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Hood</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Hood Exhaust Ductwork</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Hood Exhaust Fan</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Hood Fire Suppression System</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Hot Water Temperature Booster</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Kitchen Sink</b>	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>MDF Room</b>	Inspected
Instance on Basement	Inspected
<b>Dedicated A/C Equipment</b>	Inspected
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not Exist
<b>SCIENCE LAB</b>	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>	Inspected
<b>Exhaust Fan</b>	Inspected
Approximate Total # of Fans	1-25
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Heating And Ventilating Unit</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded



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Question	Response
<b>VENTILATION</b>	
<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