

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

Mechanical Inspection

**K100**

**Asset: P.S. 100 - BROOKLYN, 2951 WEST 3 STREET, New York, 11224**

Inspection Id	Inspection Type	Time In	Last Edited
ME : K100	Mechanical	2018-12-14 8:43 AM	2018-12-26 2:57 PM

**Asset Data**

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	15000
Total # of below ground tanks	0
Total capacity of all below ground tanks in gal.	0
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	Basement - North, South MERs, Auditorium Fan Room, Bulkhead - North, South Fan Rooms, Penthouse - North, South Fan Rooms
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Basement - Water Heater Room, Kitchen
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?	Yes
	Systems: Climate Control System - Refrigerated Air Dryer; F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps (85%)
	Years: 2018
	Systems: Gas Fired Domestic Water Heater; Kitchen - Grease Traps; MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2014

**Priority Condition**

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

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</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>	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
<b>Hybrid System</b>	Does not Exist
<b>Electric System</b>	Does not Exist
<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

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Pressure Booster System</b>	Inspected
<b>Electric Pressure Booster System</b>	Does not Exist
<b>Hydraulic/Pneumatic Booster System</b>	Inspected
<b>Water Pressure Booster - Compressor</b>	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Compressor Room inside the Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Pressure Booster Pump</b>	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Compressor Room inside the Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Domestic Cold Water Tank</b>	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Compressor Room inside the Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Water Service</b>	Inspected
Instance	Basement West
Instance Condition	3 - Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Basement West
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Water Service</b>	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement West
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<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	Basement - Water Heater Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	A.O. Smith
Equipment	N/A
Capacity/Size Quantity	300
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2014
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Hot Water System</b>	Inspected
<b>Oil Fired Domestic Water Heater</b>	Does not Exist
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE DOMESTIC HOT WATER CIRCULATING PUMP
Deficiency Location/Instance	Basement - Water Heater Room
Deficiency Quantity	1
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>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>Interior Storm Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Sewage/Waste/Vent Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Sewage Ejector Pump</b>	Does not Exist
<b>Sump Pump</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance	Basement South (defective float)
Deficiency Quantity	1
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>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	3 - Fair
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Student</b>	Inspected

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>FIXTURES</b>	
<b>Student</b>	
<b>Drinking Fountain</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Corridor adjacent to Room 204
Deficiency Quantity	1
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>Lavatory/Sink</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	3rd and 5th Floor Boy's Toilet Rooms, Student Toilet Room 251
Deficiency Quantity	4
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>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	3 - Fair
Deficiency	CLOGGED/LEAKING
Deficiency Location/Instance	5th Floor Boy's Toilet Room
Deficiency Quantity	1
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>GAS FIRED FURNACE</b>	Does not Exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Does not Exist
<b>Gas Meter Room Vent</b>	Does not Exist

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>GAS SERVICE</b>	Inspected
<b>Gas Pressure Booster</b>	Does not Exist
<b>CO/Gas Leak Detection</b>	Does not Exist
<b>HEATING</b>	Inspected
<b>Heating Coil In Ductwork</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hydronic Heating</b>	Does not Exist
<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	1 - Good
Deficiency	No deficiencies recorded
<b>MER Steam and Condensate Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Condensate Return Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Condensate Return Pumping System</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Steam Piping</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Compressor Room inside the Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Student Toilet Room 251, Rooms 410, 503
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Terminal Unit Thermostatic Trap</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Steam supplied by External Sources</b>	Does not Exist
<b>Unit Heater/Cabinet Heater</b>	Inspected

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>HEATING</b>	Inspected
<b>Unit Heater/Cabinet Heater</b>	
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	Inspected
Replacement Quantity	12,028
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	4
<b>Boiler Auxiliaries</b>	Inspected
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	FEEDWATER TANK: DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	30
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo 1	No photo recorded
Violations	No violations recorded.
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Does not Exist
<b>Boiler Flue Exhaust</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Does not Exist
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	Inspected
<b>Boiler Auxiliaries</b>	
<b>Boiler Room Steam And Condensate Piping</b>	
Deficiency Photo1	No photo recorded
Violations	No violations 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
Instance Condition	3 - Fair
Instance Quantity	6,014
Instance Quantity Uom	MBH Net
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	7131-01
Capacity/Size Quantity	6,014
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1980
Source of Installation	Inspector Estimate
Deficiency	DAMAGED REFRACTORY
Deficiency Quantity	5
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	6,014
Instance Quantity Uom	MBH Net
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	7131-02
Capacity/Size Quantity	6,014
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1980
Source of Installation	Inspector Estimate



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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<b>Steam Boiler</b>	
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	10
Quantity Uom	S.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations 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	3 - 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	Does not Exist
<b>Enclosed IDF Room</b>	
	Does not Exist
<b>KITCHEN</b>	
	Inspected
Instance on 1st Floor	Inspected
<b>CO Detector</b>	
	Inspected
Instance on 1st Floor	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Gas System</b>	
	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Grease Trap</b>	
	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>Hood</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Kitchen
Deficiency Quantity	10
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>Hood Exhaust Fan</b>	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<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	3 - Fair
Deficiency	No deficiencies recorded
<b>MDF Room</b>	Inspected
Instance on Room 306A	Inspected
<b>Dedicated A/C Equipment</b>	Inspected
Instance on Room 306A	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>	Inspected
<b>Dry Sprinkler Alarm Valve Assembly</b>	Does not Exist
<b>Wet Sprinkler Alarm Valve Assembly</b>	Does not Exist
<b>Fire Booster Pump Assembly</b>	Does not Exist
<b>Roof Tank</b>	Does not Exist
<b>Siamese Connection</b>	Does not Exist
<b>Sprinkler Head</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Sprinkler Piping</b>	Inspected
Condition	3 - Fair

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

Mechanical Inspection

**K100**

<b>Question</b>	<b>Response</b>
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	Inspected
<b>Sprinkler Piping</b>	Inspected
Deficiency	No deficiencies recorded
<b>Standpipe System</b>	Does not Exist
<b>Water Gong</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	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Auditorium Fan Room / EF 3-A, EF 4-A
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>Heating And Ventilating Unit</b>	Does not Exist
<b>Metal Ductwork</b>	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE DUCTWORK
Deficiency Location/Instance	Penthouse Roof / EF 1-A, EF 2-A
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>Supply Fan</b>	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Basement North MER / Blower #3, Basement South MER / Blower #2
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>Unit Ventilator</b>	Does not Exist