

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Mechanical Inspection

K273

Asset: P.S. 273 - BROOKLYN, 923 JEROME STREET, New York, 11207

Inspection Id	Inspection Type	Time In	Last Edited
ME : K273	Mechanical	2018-05-18 8:24 AM	2018-05-18 3:21 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	2
Total capacity of all below ground tanks in gal.	15,000
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	Basement MER, Fan Room 231, Penthouse Fan Room
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?	Yes
	Systems: F&T/Steam Drip Traps (50%)
	Years: 2016
	Systems: Steam Condensate Return Pumping System; Boiler Feedwater Treatment(Automatic)
	Years: 2015
	Systems: Electric Domestic Water Heater
	Years: 2014
	Systems: F&T/Steam Drip Traps (50%)
	Years: 2013
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2011
	Systems: Kitchen - Hot Water Temperature Booster
	Years: 2009
	Systems: Climate Control System - Air Compressor, Refrigerated Air Dryer, PRV Station
	Years: 2008

Priority Condition

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Defective Boiler Safety Auxiliary	Boiler #2 Safety Valve Leaking	HEATING PLANT Boiler Auxiliaries Boiler Safety Valve	Boiler Room (1 of 4)	Kenneth Pless	Custodian	Sent to DSF	

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Throughout (Zone Control in Original Building, Room Thermostats in Building Addition)
Instance Condition	3 - Fair

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

Mechanical Inspection

K273

Question	Response
CLIMATE CONTROL SYSTEM	
Pneumatic System	
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Does not Exist
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
Ash Hoist	Inspected
Are all the existing ash hoists operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sidewalk Elevator	Does not Exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Does not Exist
Water Service	Inspected
Instance	Basement MER
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement MER
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.
Instance	Basement West
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement West
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3

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

Mechanical Inspection

K273

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	Inspected
Water Service	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Does not Exist
Domestic Water Heat Exchanger	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARIES(RELIEF VALVE, GAUGE, TEMPERATURE REGULATOR, ETC)
Deficiency Location/Instance	Boiler 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.
Electric Domestic Water Heater	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Does not Exist
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
Interior Storm Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sump Pump	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair

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

Mechanical Inspection

K273

Question	Response
FIXTURES	
Staff And Other	
Lavatory/Sink	Inspected
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Student	
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Boy's Toilet Room 210, Room 239, Girl's Toilet Room 244
Deficiency Quantity	3
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.
Locker Room Shower	
Locker Room Shower	Inspected
Instance on 2nd Floor	Inspected
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Alternative use	Yes
Deficiency	No deficiencies recorded
Sink And Fountain Combo Unit	
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Room 130
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.
Toilet	
Toilet	Inspected
Condition	3 - Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Girl's Toilet Room 102
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Mechanical Inspection

K273

Question	Response
FIXTURES	
Student	
Toilet	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE FLUSHOMETER VALVE
Deficiency Location/Instance	Girl's Toilet Rooms 122, 212, 244
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.
Urinal	
Condition	Inspected
Deficiency	3 - Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	
Does not Exist	
GAS SERVICE	
Inspected	
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	
Does not Exist	
CO/Gas Leak Detection	
Does not Exist	
HEATING	
Inspected	
Heating Coil In Ductwork	
Inspected	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hydronic Heating	
Does not Exist	
Radiator/Convactor/Fin Tube	
Inspected	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Heating	
Inspected	
F&T/Steam Drip Trap	
Inspected	
Condition	1 - Good
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	
Inspected	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	
Inspected	
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	10
Quantity Uom	L.F.

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

Mechanical Inspection

K273

Question	Response
HEATING	
Steam Heating	
Steam Condensate Return Piping	
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Steam Condensate Return Pumping System	
Condition	Inspected
Deficiency	1 - Good
Deficiency	No deficiencies recorded
Steam Piping	
Condition	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	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.
Terminal Unit Thermostatic Trap	
Condition	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	
Does not Exist	
Unit Heater/Cabinet Heater	
Does not Exist	
HEATING PLANT	
Replacement Quantity	Inspected
Replacement Quantity	6,726
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	4
Boiler Auxiliaries	
Instance on Basement	Inspected
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Basement	Does not Exist
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Boiler Flue Exhaust	

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

Mechanical Inspection

K273

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Flue Exhaust	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Basement	Does not Exist
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE HEADER VALVE
Deficiency Location/Instance	Boiler Room
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.
Boiler Safety Valve	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room (1 of 4)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Boiler System	Inspected
Instance on Basement	Inspected
Coal-fired Boiler	
Instance on Basement	Does not Exist
Hot Water Boiler	
Instance on Basement	Does not Exist
Modular Boiler	
Instance on Basement	Does not Exist
Steam Boiler	
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	3,363
Instance Quantity Uom	MBH Net
Instance Manufacturer	Farrar & Trefts, Inc
Equipment	40948-01
Capacity/Size Quantity	4,465

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Mechanical Inspection

K273

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	Documented
Installation Year	1952
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	3,363
Instance Quantity Uom	MBH Net
Instance Manufacturer	Farrar & Trefts, Inc
Equipment	40948-02
Capacity/Size Quantity	4,465
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	Documented
Installation Year	1952
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fuel System	Inspected
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Condition	3 - Fair

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Mechanical Inspection

K273

Question	Response
HEATING PLANT	Inspected
Fuel System	
Fuel Oil Storage/Supply System	
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Basement	Does not Exist
Enclosed IDF Room	Inspected
Instance on Room 207A	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 207A	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 207A
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.
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas System	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Does not Exist
Instance on 1st Floor	Does not Exist
Hood	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Does not Exist
Instance on 1st Floor	Does not Exist
Hot Water Temperature Booster	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

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

Mechanical Inspection

K273

Question	Response
KITCHEN	Inspected
Kitchen Sink	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 241A	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 241A	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not Exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	Does not Exist
Roof Tank	Does not Exist
Siamese Connection	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	Does not Exist
VENTILATION	Inspected
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Basement MER
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.
Heating And Ventilating Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Condition	3 - Fair

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Mechanical Inspection

K273

Question	Response
VENTILATION	
Metal Ductwork	Inspected
Deficiency	No deficiencies recorded
Supply Fan	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	No deficiencies recorded
Unit Ventilator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded