

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

Mechanical Inspection

X030


School: P.S. 30 - BRONX, 510 EAST 141 STREET, BRONX, NY, 10454

InspectionId	Inspection Type	Time In	Last Edited
3914	MECHANICAL	2019-04-18 07:16AM	2019-06-17 04:21PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Terminal Unit Thermostatic Traps; F&T Steam Drip Traps (except in 1st Floor MER by Courtyard Exit, Book Storage Room B18 above Water Main, and Janitor Closet B13, ~90%) Years: 2015 Systems: Boiler Fresh Air Louver/Dampers Years: 2014 Systems: Kitchen - Grease Traps Years: 2012 Systems: MDF Room - Dedicated A/C Equipment (DX Split System); Enclosed IDF Room - Dedicated A/C Equipment (DX Split System) Years: 2016 Systems: Boiler Safety Valves; Climate Control System - Refrigerant Air Dryer, Temperature Control Zone Valves Years: 2017
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	15,000
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	Boiler Room Mechanical Area, 1st Floor MER by Courtyard Exit, MER 224
Are there any Painted/Obstructed Sprinkler Heads?	Kitchen Storage Room, Rooms B18, 120, 131D, 416 (painted, 10)
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
Yes	Defective Boiler Safety Auxiliary	Broken fusible link trip wire connected to spring-loaded fuel oil lever gate valve	Fuel Oil Storage/Supply System	Boiler Room @ Boiler #1	Noel Olivencia	Fireman	

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
Electric System	Does not exist
Hybrid System	Does not exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3- Fair
Instance Quantity	1

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Question	Response
CLIMATE CONTROL SYSTEM	
Pneumatic System	
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
COMPACTOR	
	Does not exist
CONVEYING	
	Does not exist
DOMESTIC WATER SYSTEM	
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	
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Pressure Booster Pump	
	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Water Pressure Booster - Compressor	
	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Water Service	
	Inspected
Instance	Boiler Room Mechanical Area, Book Storage Room B18
Instance Condition	3- Fair
Instance Quantity	3
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room Mechanical Area, Book Storage Room B18
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Purpose of Action	LEVEL 2
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	No deficiencies recorded
Electric Domestic Water Heater	
	Does not exist
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 Ejector Pump	
	Does not exist
Sewage/Waste/Vent Piping	
	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
Enclosed IDF Room	
Instance on Building Addition - Room 120	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 120	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
FIXTURES	
	Inspected
Staff And Other	
	Inspected
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	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)

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Question	Response
FIXTURES	
Student	
Drinking Fountain	
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	CRACKED/PHYSICAL DAMAGE
Deficiency Quantity	Cafeteria
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
Locker Room Shower	
	Does not exist
Sink And Fountain Combo Unit	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Urinal	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	CLOGGED/LEAKING
Deficiency Quantity	Toilet Rooms 108, 419
Quantity Uom	2
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Toilet Room 108
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
GAS FIRED FURNACE	
	Does not exist
GAS SERVICE	
	Inspected
CO/Gas Leak Detection	
	Does not exist
Gas Distribution Piping	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Gas Meter Room Exhaust Fan	
	Does not exist
Gas Meter Room Vent	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded

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Question	Response
GAS SERVICE	
Gas Pressure Booster	Does not exist
HEATING	
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	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Replacement Quantity	10,808
Replacement Uom	MBH NET
Instance on Building Addition - Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	4
Boiler Auxiliaries	
Instance on Building Addition - Basement	Inspected
Boiler Auxiliary Piping	
Instance on Building Addition - Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Building Addition - Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Building Addition - Basement	Does not exist
Boiler Feedwater Treatment(Automatic)	
Instance on Building Addition - Basement	Does not exist

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Flue Exhaust	
Instance on Building Addition - Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Building Addition - Basement	Does not exist
Boiler Room Steam And Condensate Piping	
Instance on Building Addition - Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Building Addition - Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler System	
Instance on Building Addition - Basement	Inspected
Coal-fired Boiler	
Instance on Building Addition - Basement	Does not exist
Hot Water Boiler	
Instance on Building Addition - Basement	Does not exist
Modular Boiler	
Instance on Building Addition - Basement	Does not exist
Steam Boiler	
Instance on Building Addition - Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	5,404
Instance Quantity Uom	MBH NET
Manufacturer	National U.S. Radiator Corp.
EquipmentId	7295-1
Capacity/Size Quantity	60
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1962
Source of Installation Year	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
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	5,404
Instance Quantity Uom	MBH NET
Manufacturer	National U.S. Radiator Corp.
EquipmentId	7295-2
Capacity/Size Quantity	60
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1962

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Source of Installation Year	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
Violations	No violations recorded
Fuel System	
Instance on Building Addition - Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Building Addition - Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Building Addition - Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Building Addition - Basement	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room @ Boiler #1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Gas Trains And Vent At The Boiler	
Instance on Building Addition - Basement	Does not exist
KITCHEN	
Instance on Basement	Inspected
CO Detector	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	

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Question	Response
KITCHEN	
Hood Exhaust Ductwork	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on Basement	Does not exist
Hot Water Temperature Booster	
Instance on Basement	Does not exist
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	
Instance on Building Addition - Room 311	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 311	Inspected
Instance Condition	1- Good
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
Fire Booster Pump Assembly	
	Does not exist
Roof Tank	
	Does not exist
Siamese Connection	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Sprinkler Head	
Condition	Inspected
Deficiency	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Kitchen Storage Room, Rooms B18, 120, 131D, 416 (painted, 10)
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Sprinkler Piping	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Standpipe System	
	Does not exist
Water Gong	
	Does not exist
Wet Sprinkler Alarm Valve Assembly	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
SWIMMING POOL	
	Does not exist
VENTILATION	
	Inspected

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Question	Response
VENTILATION	
Exhaust Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	Lower Roof (pulleys, belts and covers)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Lower Roof
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	Does not exist