

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q080

Asset: P.S. 80 - QUEENS, 171-05 137 AVENUE, New York, 11434

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q080	Mechanical	2024-03-05 7:22 AM	2024-04-16 5:30 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.	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	1
MERs/Fan Rooms Locations	MER 206
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: Electric Domestic Water Heater; Climate Control System : Electric System - Thermostats, Terminal Unit Control Valves; Terminal Unit Thermostatic Traps.
	Years: 2023
	Systems: Climate Control System - Pneumatic System; Refrigerated Air Dryer, Temperature Control Zone Valves; F&T/Steam Drip Traps; Steam Condensate Return Pumping System; Boiler Feedwater Treatment (Automatic); Boiler Make-up Water Backflow Preventer
	Years: 2019
	Systems: Kitchen - Grease Trap
	Years: 2017
	Systems: Science Lab; Gas Meter Room Exhaust Fan
	Years: 2016
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2013

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
Mechanical	
AIR CONDITIONING	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
DX Split System	Inspected
Indoor Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	4 - Between Fair and Poor
Deficiency	OVER 5 TONS: DEFECTIVE COMPRESSOR

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Question	Response
AIR CONDITIONING	
DX Split System	
Outdoor Unit	
Deficiency Location/Instance	2nd Floor Roof/Auditorium
Deficiency Quantity	1
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.
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Does not Exist
Packaged Terminal A/C	Does not Exist
Refrigerant Leak Detection System	Does not Exist
Refrigerant Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Return Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Throughout (Forced Air System)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE REFRIGERATED AIR DRYER
Deficiency Location/Instance	Boiler Room/work continually
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.
Hybrid System	Does not Exist
Electric System	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
COMPACTOR	Does not Exist
CONVEYING	Inspected

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Question	Response
CONVEYING	
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
Ash Hoist	Does not Exist
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	Room B28
Instance Condition	5 - Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DETERIORATED
Deficiency Location/Instance	Room B28
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	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Room B28
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.
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Does not Exist
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Does not Exist
Heat Pump Domestic Water Heater	Under Construction
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Condition	3 - Fair
Deficiency	DEFECTIVE VALVE
Deficiency Location/Instance	Room B28/adjacent to the water main (Leak)
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.
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	
Condition	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	3rd Floor Boys Toilet Room Pipe Chase
Deficiency Quantity	10
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.
Sewage/Waste/Vent Piping	
Condition	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	
Condition	Does not Exist
Sump Pump	
Condition	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Condition	Does not Exist
FIXTURES	
Staff And Other	
Condition	Inspected
Janitor Sink	
Condition	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Kitchen Staff Toilet Room, Staff Toilet Room 226
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.

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Question	Response
FIXTURES	
Staff And Other	
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	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Cafeteria, 2nd Floor Girls Toilet Room, 2nd & 3rd Floors Boys Toilet Rooms
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.
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Rooms 147, 247
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.
Toilet	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE FLUSHOMETER VALVE
Deficiency Location/Instance	Cafeteria Girls 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.
Urinal	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

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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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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	RADIATOR/CONVECTOR: DAMAGED GUARD/SHIELD
Deficiency Location/Instance	2nd & 3rd Floors Boys Toilet Rooms
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.
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER 206
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.
Steam Condensate Return Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement Crawlspace
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE

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HEATING	
Steam Heating	
Steam Condensate Return Piping	
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	Rooms B28, B29, MER 206
Deficiency Quantity	40
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.
Steam Condensate Return Pumping System	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement Crawlspace, Rooms 149, 327
Deficiency Quantity	40
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.
Terminal Unit Thermostatic Trap	Inspected
Condition	2 - Between Good and Fair
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 Uom	MBH Net
Instance on Basement	Under Construction
Enclosed IDF Room	Does not Exist
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas System	Inspected
Instance on 1st Floor	Inspected

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KITCHEN	
Gas System	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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	Does not Exist
Instance on 1st Floor	Does not Exist
Kitchen Sink	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 218	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 218	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
SCIENCE LAB	
Instance on Room 243	Inspected
Alternative use	No
Acid Waste Neutralizing Tank	Does not Exist
Instance on Room 243	Does not Exist
CO Detector	Not Required
Instance on Room 243	Not Required
Emergency Shower	Does not Exist
Instance on Room 243	Does not Exist
Eye Wash	Inspected
Instance on Room 243	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Does not Exist
Instance on Room 243	Does not Exist

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Question	Response
SCIENCE LAB	
Hood Exhaust Fan	Does not Exist
Instance on Room 243	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Room 243	Does not Exist
Laboratory Sink	Inspected
Instance on Room 243	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	Does not Exist
Instance on Room 243	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	Does not Exist
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
Is the building mechanically ventilated?	Yes
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	Yes
Are there chain operated dampers?	No
Condition	3 - Fair
Deficiency	No deficiencies recorded
Supply Fan	Does not Exist
Unit Ventilator	Does not Exist