

**NYC Department of Education
Building Condition Assessment Survey 2023 - 2024**

Mechanical Inspection

K905

Asset: DISTRICT 22 ECOLOGY CENTER - K, 7151 AVE T, New York, 11234

Inspection Id	Inspection Type	Time In	Last Edited
ME : K905	Mechanical	2023-12-19 12:28 PM	2023-12-29 3:33 PM

Asset Data

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	275
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 007
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: Enclosed IDF Room - Dedicated A/C Equipment (DX Split System); Fixtures - Student: Urinal
	Years: 2022
	Systems: Gas Fired Domestic Water Heater; Fixtures - Student: Drinking Fountains
	Years: 2018
	Systems: Electric Pressure Booster System
	Years: 2013
	Systems: Gas Fired Furnaces
	Years: 2012

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 CO/Gas Leak Detection	Control Panel in Fault Mode	GAS SERVICE CO/Gas Leak Detection	MER 007	Vincent Bianco	Handyman	Sent to DSF	

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	Does not Exist
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Inspected
Instance	Building Addition Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Equipment	AC-3
Capacity/Size Quantity	2
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2002
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	AC-4
Capacity/Size Quantity	6
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2002
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	AC-5
Capacity/Size Quantity	4
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2002
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	MER 007
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	N/A
Refrigerant Type	R-22
Instance Manufacturer	KOLDWAVE.
Equipment	AC-1
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Custodial Staff
Installation Year	1997
Source of Installation	Documented

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Deficiency	No deficiencies recorded
Instance	MER 007
Instance Condition	4 - Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	N/A
Refrigerant Type	R-22
Instance Manufacturer	KOLDWAVE.
Equipment	AC-2
Capacity/Size Quantity	15
Capacity/Size UOM	Tons
Source of Capacity/Size	Custodial Staff
Installation Year	1997
Source of Installation	Documented
Deficiency	UP TO 20 TONS: DEFECTIVE CONTROLS
Deficiency Location/Instance	MER 007 / AC-2 (defective volume damper actuator)
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.
Deficiency	UP TO 20 TONS: DEFECTIVE COMPRESSOR
Deficiency Location/Instance	MER 007
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.
Packaged Terminal A/C	Does not Exist
Refrigerant Leak Detection System	Does not Exist
Refrigerant Piping	Does not Exist
Return Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Does not Exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	
Instance	Room 007B
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	A. O. Smith
Equipment	N/A
Capacity/Size Quantity	1
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Room 007B
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies 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	Does not Exist
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	MER 007
Instance Condition	2 - Between Good and Fair
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	2018
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	DAMAGED/MISSING INSULATION

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Deficiency Location/Instance	MER 007
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.
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	
Condition	2 - Between Good and Fair
Deficiency	INTERIOR FLOOR DRAIN: DEFECTIVE
Deficiency Location/Instance	1st Floor Tank Maintenance 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.
Deficiency	SEWAGE/WASTE PIPING: DEFECTIVE/LEAKS
Deficiency Location/Instance	1st Floor Tank Maintenance Room
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 Ejector Pump	Does not Exist
Sump Pump	Does not Exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	
Staff And Other	
Janitor Sink	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
FIXTURES	
Staff And Other	Inspected
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Boys Toilet Room 008
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.
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	4 - Between Fair and Poor
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Girls Toilet Room 009
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.
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not Exist
Gas Meter Room Vent	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected

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Question	Response
GAS SERVICE	
CO/Gas Leak Detection	
Instance	MER 007, Gas Service Room 108
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2009
Source of Installation	Inspector Estimate
Deficiency	DEFECTIVE CONTROL PANEL
Deficiency Location/Instance	MER 007
Deficiency Quantity	1
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.
HEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Heating	Does not Exist
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
HEATING PLANT	Does not Exist
Enclosed IDF Room	Inspected
Instance on Closet inside General Office	Inspected
Dedicated A/C Equipment	Inspected
Instance on Closet inside General Office	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
KITCHEN	Does not Exist
MDF Room	Does not Exist
SCIENCE DEMO ROOM	Inspected
Instance on Rooms 001, 002	Inspected
Alternative use	No
Acid Waste Neutralizing Tank	Does not Exist
Instance on Rooms 001, 002	Does not Exist
CO Detector	Not Required
Instance on Rooms 001, 002	Not Required
Emergency Shower	Does not Exist
Instance on Rooms 001, 002	Does not Exist
Eye Wash	Does not Exist
Instance on Rooms 001, 002	Does not Exist
Hood Exhaust Ductwork	Does not Exist

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SCIENCE DEMO ROOM	
Hood Exhaust Ductwork	Does not Exist
Instance on Rooms 001, 002	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Rooms 001, 002	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Rooms 001, 002	Does not Exist
Laboratory Sink	Inspected
Instance on Rooms 001, 002	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	Does not Exist
Instance on Rooms 001, 002	Does not Exist
SCIENCE LAB	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	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	Does not Exist
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	Yes
Are there chain operated dampers?	No
Condition	3 - Fair
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Student's Toilet Room 103
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.
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER 007
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.
Supply Fan	Does not Exist
Unit Ventilator	Does not Exist