

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

**Mechanical Inspection**

**M912**

**Asset: BEACON HIGH SCHOOL - MANHATTAN, 521 WEST 43 STREET, MANHATTAN, NY, 10036**

Inspection Id	Inspection Type	Time In	Last Edited
2914	MECHANICAL	2024-02-01 08:59AM	2024-03-21 03:34PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
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	3
MERs/Fan Rooms Locations	Fan Room 112C; Heat Exchanger Room 604F; MERs C-50, 111, 113, 221, 235B, 318, 321, 403C, 415, 517, 522A, 534, 601A, 608B, 614B, 616A, 629
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Kitchen, Science Labs, Science Prep Rooms
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Cellar Corridor, Room C05, Water Service Room C49A, Gas Meter Room C49B, MERS 221, 235B, 318, 321, Fan Room 112C, Room 608 (painted, 50)
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
No condition recorded							

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Inspected
<b>Chilled Water System</b>	Inspected
<b>Absorption Chiller</b>	Does not exist
<b>Air Cooled Chiller</b>	Does not exist
<b>Air Cooled Condenser</b>	Does not exist
<b>Chilled Water Distribution: Piping, Pumps and Auxiliaries</b>	Inspected
Condition	1- Good
Deficiency	PUMP:DEFECTIVE MOTOR
Deficiency Location/Instance	Pump Room 617 / P-6
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Backflow Preventer</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Central Station Air Handler</b>	Inspected
Instance	MER C50
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-1
Capacity/Size Quantity	8425

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<b>Question</b>	<b>Response</b>
<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
<b>Central Station Air Handler</b>	
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 113
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-2
Capacity/Size Quantity	6550
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 221
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-3
Capacity/Size Quantity	6275
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 221
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-4
Capacity/Size Quantity	3725
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 235B
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-5
Capacity/Size Quantity	4685
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded

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<b>Question</b>	<b>Response</b>
<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
<b>Central Station Air Handler</b>	
Instance	MER 321
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-6
Capacity/Size Quantity	4240
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 517
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-9
Capacity/Size Quantity	5345
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 415
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-8
Capacity/Size Quantity	8345
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 318
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-7
Capacity/Size Quantity	4610
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 534
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent

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<b>Question</b>	<b>Response</b>
<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
<b>Central Station Air Handler</b>	
EquipmentId	DOAS-10
Capacity/Size Quantity	5390
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	DEFECTIVE FAN
Deficiency Location/Instance	MER 534 (belt)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	MER 629
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-11
Capacity/Size Quantity	4030
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Upper Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	AHU-2
Capacity/Size Quantity	9500
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Lower Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	DOAS-12
Capacity/Size Quantity	16500
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Lower Roof
Instance Condition	1- Good
Instance Quantity	1

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<b>Question</b>	<b>Response</b>
<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
<b>Central Station Air Handler</b>	
Instance Quantity Uom	EACH
Manufacturer	Innovent
EquipmentId	AHU-1
Capacity/Size Quantity	8100
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 403C
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-4.1
Capacity/Size Quantity	800
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 522A
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-5.1
Capacity/Size Quantity	1000
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 616A
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-6.1
Capacity/Size Quantity	1000
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 614B
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-6.3
Capacity/Size Quantity	1200
Capacity/Size UOM	CFM

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<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
<b>Central Station Air Handler</b>	
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 608B
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-6.4
Capacity/Size Quantity	1200
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 601A
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-6.10
Capacity/Size Quantity	1200
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	MER 111C
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Temspec
EquipmentId	VFC-1.2
Capacity/Size Quantity	1000
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Fan Coil Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Packaged Air Cooled Chiller</b>	Inspected
Instance	Upper Roof
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ArctiChill
EquipmentId	CH-1
Capacity/Size Quantity	205
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented

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Question	Response
<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
<b>Packaged Air Cooled Chiller</b>	
Installation Year	2015
Source of Installation Year	Documented
Refrigerant Type	R-410A
Deficiency	OVER 100 TONS:DEFECTIVE CONTROLS
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Upper Roof
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ArctiChill
EquipmentId	CH-2
Capacity/Size Quantity	205
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Refrigerant Type	R-410A
Deficiency	OVER 100 TONS:DEFECTIVE CONTROLS
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Water Cooled Chiller</b>	Does not exist
<b>Condenser Water Distribution: Piping, Pumps and Auxiliaries</b>	Does not exist
<b>Cooling Coil in Ductwork</b>	Does not exist
<b>Cooling Tower</b>	Does not exist
<b>DX Split System</b>	Inspected
<b>Indoor Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Outdoor Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Dry Cooler</b>	Does not exist
<b>Packaged / Rooftop Unit</b>	Does not exist
<b>Packaged Terminal A/C</b>	Does not exist
<b>Refrigerant Leak Detection System</b>	Does not exist
<b>Refrigerant Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Return Fan</b>	Does not exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room 101
Deficiency Quantity	1

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<b>Question</b>	<b>Response</b>
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>CLIMATE CONTROL SYSTEM</b>	Inspected
<b>BMS</b>	Inspected
Instance	Throughout
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2015
Source of Installation Year	Documented
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
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
Deficiency	DEFECTIVE DAMPER ACTUATOR
Deficiency Location/Instance	Various Locations
Deficiency Quantity	20
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE TEMPERATURE CONTROL ZONE VALVE
Deficiency Location/Instance	Lower Roof @ AHU-1
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Pneumatic System</b>	Does not exist
<b>Hybrid System</b>	Does not exist
<b>Electric System</b>	Does not exist
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</b>	Inspected
<b>Dumbwaiter</b>	Does not exist
<b>Elevator</b>	Inspected
Condition	1- Good
Are all the existing elevators operable?	Yes
Deficiency	No deficiencies recorded
<b>Escalator</b>	Does not exist
<b>Non-auditorium Handicap Lift - Vertical</b>	Does not exist
<b>Non-auditorium Handicap Lift - Stair</b>	Does not exist
<b>Ash Hoist</b>	Does not exist
<b>Sidewalk Elevator</b>	Does not exist
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>Domestic Cold Water System</b>	Inspected



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Question	Response
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Gravity System</b>	Does not exist
<b>Pressure Booster System</b>	Inspected
<b>Electric Pressure Booster System</b>	Inspected
Instance	Water Service Room C23
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Liquitrol
EquipmentId	DWBS-1
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	40
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Inspector Estimate
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Hydraulic/Pneumatic Booster System</b>	Does not exist
<b>Water Service</b>	Inspected
Instance	Water Service Rooms C23, C49A
Instance Condition	1- Good
Instance Quantity	3
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Inspected
Condition	1- Good
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	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	985
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Oil Fired Domestic Water Heater</b>	Does not exist
<b>Heat Pump Domestic Water Heater</b>	Does not exist
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>Interior Storm Piping</b>	Inspected
Condition	1- Good

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Question	Response
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	
<b>Interior Storm Piping</b>	
Deficiency	No deficiencies recorded
<b>Sewage/Waste/Vent Piping</b>	
Condition	Inspected
Deficiency	1- Good
<b>Sewage Ejector Pump</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
<b>Sump Pump</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
<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>	
Condition	Inspected
Deficiency	2- Between Good and Fair
<b>Lavatory/Sink</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Quantity	Room 112E
Quantity Uom	1
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
<b>Toilet</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
<b>Urinal</b>	
	Does not exist
<b>Student</b>	
	Inspected
<b>Drinking Fountain</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Quantity	Corridor near Room 211, 7th Floor Corridor
Quantity Uom	2
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
<b>Lavatory/Sink</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Quantity	Toilet Room 233
Quantity Uom	1
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2

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<b>Question</b>	<b>Response</b>
<b>FIXTURES</b>	
<b>Student</b>	
<b>Lavatory/Sink</b>	
Violations	No violations recorded
<b>Locker Room Shower</b>	Inspected
Instance on 6th Floor - Boys	Inaccessible
Instance on 6th Floor - Girls	Inaccessible
Instance on 6th Floor - Visitors	Inspected
Instance Condition	2- Between Good and Fair
Alternative Use	Yes
Deficiency	No deficiencies recorded
<b>Sink And Fountain Combo Unit</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	1st Floor Girl's Toilet Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Urinal</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	Does not exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Vent</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Pressure Booster</b>	Does not exist
<b>CO/Gas Leak Detection</b>	Inspected
Instance	Gas Meter Room C49B, Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>HEATING</b>	Inspected
<b>Heating Coil In Ductwork</b>	Does not exist
<b>Hydronic Heating</b>	Inspected
<b>Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Backflow Preventer</b>	Inspected

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Question	Response
<b>HEATING</b>	
<b>Hydronic Heating</b>	
<b>Backflow Preventer</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hot Water Heat Exchanger</b>	
Condition	Inspected
Deficiency	No deficiencies recorded
<b>Radiator/Convactor/Fin Tube</b>	
Condition	Inspected
Deficiency	No deficiencies recorded
<b>Steam Heating</b>	
Condition	Does not exist
<b>Steam supplied by External Sources</b>	
Condition	Does not exist
<b>Unit Heater/Cabinet Heater</b>	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	
Instance on 7th Floor	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	N/A
Burner Model	N/A
Burner Type	N/A
Heating Plant Oil Number	N/A
<b>Boiler Auxiliaries</b>	
Instance on 7th Floor	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on 7th Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on 7th Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on 7th Floor	Does not exist
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on 7th Floor	Does not exist
<b>Boiler Flue Exhaust</b>	
Instance on 7th Floor	Does not exist
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on 7th Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on 7th Floor	Does not exist
<b>Boiler Safety Valve</b>	
Instance on 7th Floor	Does not exist
<b>Boiler System</b>	
Instance on 7th Floor	Inspected
<b>Coal-fired Boiler</b>	
Instance on 7th Floor	Does not exist
<b>Hot Water Boiler</b>	
Instance on 7th Floor	Does not exist
<b>Modular Boiler</b>	

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<b>Modular Boiler</b>	
Instance on 7th Floor	Inspected
Instance on 7th Floor	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2,087
Instance Quantity Uom	MBH NET
Manufacturer	AERCO
EquipmentId	166645-0001
Capacity/Size Quantity	3000
Capacity/Size UOM	MBH Input
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	DEFECTIVE UNIT
Deficiency Location/Instance	Boiler Room (condensation trap)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2,087
Instance Quantity Uom	MBH NET
Manufacturer	AERCO
EquipmentId	166645-0003
Capacity/Size Quantity	3000
Capacity/Size UOM	MBH Input
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	DEFECTIVE UNIT
Deficiency Location/Instance	Boiler Room (condensation trap)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE FLUE EXHAUST
Deficiency Location/Instance	Boiler Room (Flue Exhaust Damper Actuator)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2,087
Instance Quantity Uom	MBH NET
Manufacturer	AERCO

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<b>Modular Boiler</b>	
EquipmentId	166645-0002
Capacity/Size Quantity	3000
Capacity/Size UOM	MBH Input
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation Year	Documented
Deficiency	DEFECTIVE UNIT
Deficiency Location/Instance	Boiler Room (condensation trap)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Steam Boiler</b>	
Instance on 7th Floor	Does not exist
<b>Fuel System</b>	
Instance on 7th Floor	Does not exist
<b>Enclosed IDF Room</b>	
Instance on Rooms C01, 339, 430A, 532, 627	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Rooms C01, 339, 430A, 532, 627	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>KITCHEN</b>	
Instance on 1st Floor	Inspected
<b>CO Detector</b>	
Instance on 1st Floor	Inspected
Instance 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
Violations	No violations recorded
<b>Gas System</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Grease Trap</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>Hood Exhaust Ductwork</b>	
Deficiency	No deficiencies recorded
<b>Hood Exhaust Fan</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Fire Suppression System</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hot Water Temperature Booster</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Kitchen Sink</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>MDF Room</b>	Inspected
Instance on Room 235A	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 235A	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Inspected
Instance on Rooms 501, 527, 601	Inspected
Alternative Use	No
Instance on Rooms 503, 504, 506, 522, 603, 616	Inspected
Alternative Use	No
<b>Acid Waste Neutralizing Tank</b>	
Instance on Rooms 501, 527, 601	Does not exist
Instance on Rooms 503, 504, 506, 522, 603, 616	Does not exist
<b>CO Detector</b>	
Instance on Rooms 501, 527, 601	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Rooms 501, 527, 601
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Instance on Rooms 503, 504, 506, 522, 603, 616	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Rooms 503, 504, 506, 522, 603, 616
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6

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Question	Response
<b>SCIENCE LAB</b>	
<b>CO Detector</b>	
Violations	No violations recorded
<b>Emergency Shower</b>	
Instance on Rooms 501, 527, 601	Does not exist
Instance on Rooms 503, 504, 506, 522, 603, 616	Does not exist
<b>Eye Wash</b>	
Instance on Rooms 501, 527, 601	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 503, 504, 506, 522, 603, 616	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	
Instance on Rooms 501, 527, 601	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 503, 504, 506, 522, 603, 616	Does not exist
<b>Hood Exhaust Fan</b>	
Instance on Rooms 501, 527, 601	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 503, 504, 506, 522, 603, 616	Does not exist
<b>Fixed Laboratory Hood</b>	
Instance on Rooms 501, 527, 601	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 503, 504, 506, 522, 603, 616	Does not exist
<b>Laboratory Sink</b>	
Instance on Rooms 501, 527, 601	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 503, 504, 506, 522, 603, 616	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Make-up Air Unit</b>	
Instance on Rooms 501, 527, 601	Does not exist
Instance on Rooms 503, 504, 506, 522, 603, 616	Does not exist
<b>SCIENCE PREP ROOM</b>	
Instance on Rooms 523, 536, 620	Inspected
Alternative Use	No
<b>Acid Waste Neutralizing Tank</b>	
Instance on Rooms 523, 536, 620	Does not exist
<b>CO Detector</b>	
Instance on Rooms 523, 536, 620	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Rooms 523, 536, 620
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded



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<b>Question</b>	<b>Response</b>
<b>SCIENCE PREP ROOM</b>	
<b>Emergency Shower</b>	
Instance on Rooms 523, 536, 620	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Eye Wash</b>	
Instance on Rooms 523, 536, 620	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	
Instance on Rooms 523, 536, 620	Does not exist
<b>Hood Exhaust Fan</b>	
Instance on Rooms 523, 536, 620	Does not exist
<b>Fixed Laboratory Hood</b>	
Instance on Rooms 523, 536, 620	Does not exist
<b>Laboratory Sink</b>	
Instance on Rooms 523, 536, 620	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Make-up Air Unit</b>	
Instance on Rooms 523, 536, 620	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>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fire Booster Pump Assembly</b>	
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE FIRE BOOSTER PUMP
Deficiency Location/Instance	Water Service Room C23
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Roof Tank</b>	
	Does not exist
<b>Siamese Connection</b>	
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Sprinkler Head</b>	
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Cellar Corridor, Room C05, Water Service Room C49A, Gas Meter Room C49B, MERS 221, 235B, 318, 321, Fan Room 112C, Room 608 (painted, 50)
Deficiency Quantity	50
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
<b>Sprinkler Piping</b>	
Condition	1- Good
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Water Service Rooms C23

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Question	Response
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Sprinkler Piping</b>	
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Standpipe System</b>	Inspected
<b>Hose Valve Assembly</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Water Gong</b>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>VENTILATION</b>	Inspected
Is the building Mechanically ventilated?	Yes
<b>Exhaust Fan</b>	Inspected
Condition	2- Between Good and Fair
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	Lower Roofs / SSDS-1, SSDS-2
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Heating And Ventilating Unit</b>	Does not exist
<b>Metal Ductwork</b>	Inspected
Condition	1- Good
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	No
Deficiency	No deficiencies recorded
<b>Supply Fan</b>	Inspected
Condition	2- Between Good and Fair
Approximate Total # of Fans	6-10
Deficiency	No deficiencies recorded
<b>Unit Ventilator</b>	Does not exist