

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Mechanical Inspection

Q849

Asset: I.S. 77 - QUEENS, 976 SENECA AVENUE, New York, 11385

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q849	Mechanical	2018-12-04 8:16 AM	2018-12-04 6:19 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.	8,275
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	4
MERs/Fan Rooms Locations	MERs 360, 460, Original Building- Basement MER
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Science Lab 372, Emergency Generator Room 360A
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: Kitchen - Grease Trap
	Years: 2018
	Systems: Gas Fired Domestic Water Heater
	Years: 2017
	Systems: Fixtures - Staff and Other: Toilets, Urinals; Fixtures- Student: Toilets, Urinals
	Years: 2015
	Systems: CO/Gas Leak Detection; F&T/Steam Drip Traps (50%)
	Years: 2014
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2011
	Systems: Packaged Air Cooled Chiller, Packaged / Rooftop Units
	Years: 2010

Priority Condition

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Defective CO/Gas Leak Detection	Control Panels in Fault	GAS SERVICE CO/Gas Leak Detection	Boiler Room, Custodian's Office	Ted Stecker	Custodian	Sent to DSF	
No	Defective Boiler Safety Auxiliary	Boiler #2 Water Column Assembly is leaking	HEATING PLANT Boiler System Steam Boiler	Boiler Room	Ted Stecker	Custodian	Sent to DSF	
Yes	Defective Fire/Smoke Damper	Defective Fire/Smoke Damper	VENTILATION Metal Ductwork	Building Addition - MER 360	Ted Stecker	Custodian	Sent to DSF	
Yes	Other	Defective Gas Meter Room Exhaust Fan	GAS SERVICE Gas Meter Room Exhaust Fan	Gas Meter Room	Ted Stecker	Custodian	Sent to DSF	

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Inspected
Chilled Water System	Inspected
Absorption Chiller	Does not Exist

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Question	Response
AIR CONDITIONING	
Chilled Water System	
Absorption Chiller	
Air Cooled Chiller	Inspected
Instance	Building Addition - Chiller Room 361
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	York
Equipment	CH-1
Capacity/Size Quantity	125
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - Chiller Room 361
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	York
Equipment	CH-2
Capacity/Size Quantity	125
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Air Cooled Condenser	Inspected
Instance	Building Addition - Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	York
Equipment	C-1
Capacity/Size Quantity	125
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	York
Equipment	C-2
Capacity/Size Quantity	125
Capacity/Size UOM	Tons

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Question	Response
AIR CONDITIONING	
Chilled Water System	
Air Cooled Condenser	Inspected
Source of Capacity/Size	Inspector Estimate
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Chilled Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	2 - Between Good and Fair
Deficiency	PIPING: DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Building Addition - Chiller Room 361
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	PIPING: DEFECTIVE/LEAKS
Deficiency Location/Instance	MER 460
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.
Backflow Preventer	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Building Addition - Chiller Room 361
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.
Central Station Air Handler	Inspected
Instance	Building Addition - MER 360
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	AHU-1
Capacity/Size Quantity	9,600
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2003

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Question	Response
AIR CONDITIONING	
Chilled Water System	
Central Station Air Handler	
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - MER 360
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	AHU-2
Capacity/Size Quantity	3,550
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	DEFECTIVE MOISTURE DRAINAGE (BASIN & TUBING)
Deficiency Location/Instance	Building Addition - MER 360
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.
Instance	Building Addition - MER 360
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	AHU-3
Capacity/Size Quantity	7,500
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	DEFECTIVE MOISTURE DRAINAGE (BASIN & TUBING)
Deficiency Location/Instance	Building Addition - MER 360
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.
Instance	Building Addition - MER 360
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH

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Question	Response
AIR CONDITIONING	
Chilled Water System	
Central Station Air Handler	
Instance Manufacturer	Trane
Equipment	AHU-6
Capacity/Size Quantity	7,400
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - MER 460
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	AHU-4
Capacity/Size Quantity	27,150
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - MER 460
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	AHU-5
Capacity/Size Quantity	10,640
Capacity/Size UOM	CFM
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fan Coil Unit	Does not Exist
Packaged Air Cooled Chiller	Inspected
Instance	Building Addition - Roof
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	York
Equipment	CH-3
Capacity/Size Quantity	67
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded

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Question	Response
AIR CONDITIONING	
Chilled Water System	Inspected
Water Cooled Chiller	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	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Inspected
Instance	Original Building - Auditorium Roof
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Steam
Instance Manufacturer	York
Equipment	RTU-2
Capacity/Size Quantity	41
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	Original Building - Roof
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	N/A
Instance Manufacturer	Johnson Controls, Inc
Equipment	RTU-1
Capacity/Size Quantity	4
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2010
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Does not Exist
Refrigerant Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist

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Question	Response
CLIMATE CONTROL SYSTEM	Inspected
BMS	Inspected
Instance	Auditorium and Rooms 110, 218
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2010
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Pneumatic System	Inspected
Instance	Building Addition - Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	41-60%
Deficiency	DEFECTIVE DAMPER ACTUATOR
Deficiency Location/Instance	Gymnasium
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	DEFECTIVE LOCAL CONTROL PANEL
Deficiency Location/Instance	Building Addition - MER 360
Deficiency Quantity	5
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.
Instance	Original Building - Throughout except Auditorium and Rooms 110, 218
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	61-80%
Deficiency	DEFECTIVE TERMINAL UNIT CONTROL VALVE
Deficiency Location/Instance	Original Building - Various Locations
Deficiency Quantity	10
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
CLIMATE CONTROL SYSTEM	
Pneumatic System	
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Rooms 101, 313 and other locations in the Original Building
Deficiency Quantity	10
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	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	2 - Between Good and 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	Inspected
Electric Pressure Booster System	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Canariis
Equipment	N/A
Capacity/Size Quantity	3
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	20
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2003
Source of Installation	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Basement adjacent to Gas Meter Room
Instance Condition	3 - Fair

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Custodian Locker Room
Instance Condition	2 - Between Good and 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
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	A.O. Smith
Equipment	N/A
Capacity/Size Quantity	199
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	100
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Science Lab 372 by Eye Wash
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.
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	2 - Between Good and 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	2 - Between Good and 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	Nurse's Office 214, Staff Toilet Room 355
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.
Toilet	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Student	Inspected
Drinking Fountain	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Corridors by Rooms 162C, 254, 362C, 454, Cafeteria, Gymnasium
Deficiency Quantity	6
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.
Lavatory/Sink	Inspected

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Question	Response
FIXTURES	
Student	
Lavatory/Sink	
Condition	2 - Between Good and Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boy's Toilet Room 204B
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.
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Does not Exist
Toilet	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	
GAS SERVICE	
Gas Distribution Piping	
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Gas Meter Room
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.
Gas Meter Room Vent	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	
CO/Gas Leak Detection	
Instance	Boiler Room, Gas Meter Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2014
Source of Installation	Inspector Estimate
Deficiency	DEFECTIVE CONTROL PANEL

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Question	Response
GAS SERVICE	
CO/Gas Leak Detection	
Deficiency Location/Instance	Boiler Room, Custodian's Office
Deficiency Quantity	2
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	RADIATOR/CONVECTOR: MISSING GUARD/SHIELD
Deficiency Location/Instance	Rooms 301, 304, 308, 312, 407, 412, next to Room G05A
Deficiency Quantity	7
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	RADIATOR/CONVECTOR: DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Library Room 002, Room 109
Deficiency Quantity	2
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	AUXILIARY (VALVE, VENT): DEFECTIVE
Deficiency Location/Instance	Main Entrance Lobby (2), Rooms 001, 002, 253, 452, 454, Corridors by Rooms 204B, 252, 254, by Stair D/Ground Floor and other locations
Deficiency Quantity	15
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	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Original Building Basement, Boiler Room, MERs
Deficiency Quantity	12

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Question	Response
HEATING	
Steam Heating	
F&T/Steam Drip Trap	
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.
MER Steam and Condensate Piping	
Condition	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Building Addition - MER 460 / AHU-4
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.
Steam Condensate Return Piping	
Condition	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Custodian Locker Room near Water Service
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.
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Room B05
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.
Steam Condensate Return Pumping System	
Condition	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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Question	Response
HEATING	
Steam Heating	
Steam Condensate Return Pumping System	
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE PUMP
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.
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room (leaking by hose and tank cap)
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.
Steam Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Rooms 107, 254, 454
Deficiency Quantity	3
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	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Various Locations
Deficiency Quantity	100
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.
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
HEATING PLANT	Inspected
Replacement Quantity	15,594
Replacement Uom	MBH Net
Instance on Original Building - Basement	Inspected
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Boiler Auxiliaries	Inspected
Instance on Original Building - Basement	Inspected
Boiler Auxiliary Piping	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	FEEDWATER PUMP: DEFECTIVE
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.
Boiler Feedwater Treatment(Automatic)	
Instance on Original Building - Basement	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room (Pump A is defective)
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.
Boiler Flue Exhaust	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Original Building - Basement	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE RPZ
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1

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Mechanical Inspection

Q849

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Make-up Water Backflow Preventer	
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 Room Steam And Condensate Piping	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Original Building - Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Boiler System	
Instance on Original Building - Basement	Inspected
Coal-fired Boiler	
Instance on Original Building - Basement	Does not Exist
Hot Water Boiler	
Instance on Original Building - Basement	Does not Exist
Modular Boiler	
Instance on Original Building - Basement	Does not Exist
Steam Boiler	
Instance on Original Building - Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	7,797
Instance Quantity Uom	MBH Net
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	10583-01
Capacity/Size Quantity	7,797
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2000
Source of Installation	Documented
Deficiency	LEAKY/PLUGGED TUBES
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.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	7,797

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Instance Quantity Uom	MBH Net
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	10583-02
Capacity/Size Quantity	7,797
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2000
Source of Installation	Documented
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	6
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	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, WATER COLUMN ASSEMBLY
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fuel System	Inspected
Instance on Original Building - Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE ACTUATOR
Deficiency Location/Instance	Boiler Room / Boiler #2
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.
Burner/Burner Control Panel	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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HEATING PLANT	
Fuel System	
Gas Trains And Vent At The Boiler	
Instance on Original Building - Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	
	Inspected
Instance on Original Building - Rooms 116, 216, 314, 414, Building Addition - Rooms 265A, 365A	Inspected
Dedicated A/C Equipment	
	Inspected
Instance on Original Building - Rooms 116, 216, 314, 414, Building Addition - Rooms 265A, 365A	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Original Building - Rooms 116, 216, 314, 414, Building Addition - Rooms 265A, 365A
Deficiency Quantity	6
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 Ground Floor	Inspected
CO Detector	
	Inspected
Instance on Ground Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas System	
	Inspected
Instance on Ground Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	
	Inspected
Instance on Ground Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood	
	Inspected
Instance on Ground Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
	Inspected
Instance on Ground Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
	Inspected
Instance on Ground Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
	Inspected
Instance on Ground Floor	Inspected

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Question	Response
KITCHEN	
Hood Fire Suppression System	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	Inspected
Instance on Ground Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Kitchen Sink	Inspected
Instance on Ground Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Building Addition - Room 174	Inspected
Dedicated A/C Equipment	Inspected
Instance on Building Addition - Room 174	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance on Room 201	Inspected
Alternative use	Yes
Instance on Room 202	Inspected
Alternative use	Yes
Acid Waste Neutralizing Tank	Inspected
Instance on Room 202	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 201	Does not Exist
CO Detector	Not Required
Instance on Room 202	Not Required
Instance on Room 201	Not Required
Emergency Shower	Does not Exist
Instance on Room 202	Does not Exist
Instance on Room 201	Does not Exist
Eye Wash	Does not Exist
Instance on Room 202	Does not Exist
Instance on Room 201	Does not Exist
Hood Exhaust Ductwork	Does not Exist
Instance on Room 202	Does not Exist
Instance on Room 201	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Room 202	Does not Exist
Instance on Room 201	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Room 202	Does not Exist
Instance on Room 201	Does not Exist
Laboratory Sink	Inspected
Instance on Room 202	Inspected
Condition	3 - Fair

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Question	Response
SCIENCE DEMO ROOM	
Laboratory Sink	Inspected
Deficiency	No deficiencies recorded
Instance on Room 201	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	Does not Exist
Instance on Room 202	Does not Exist
Instance on Room 201	Does not Exist
SCIENCE LAB	Inspected
Instance on Room 372	Inspected
Alternative use	No
Instance on Room 407	Inspected
Alternative use	Yes
Acid Waste Neutralizing Tank	Does not Exist
Instance on Room 407	Does not Exist
Instance on Room 372	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CO Detector	Not Required
Instance on Room 407	Not Required
Instance on Room 372	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Room 372
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Emergency Shower	Does not Exist
Instance on Room 407	Does not Exist
Instance on Room 372	Does not Exist
Eye Wash	Inspected
Instance on Room 407	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 372	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Does not Exist
Instance on Room 407	Does not Exist
Instance on Room 372	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Room 407	Does not Exist
Instance on Room 372	Does not Exist
Fixed Laboratory Hood	Does not Exist

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Question	Response
SCIENCE LAB	
Fixed Laboratory Hood	Does not Exist
Instance on Room 407	Does not Exist
Instance on Room 372	Does not Exist
Laboratory Sink	Inspected
Instance on Room 407	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 372	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	Does not Exist
Instance on Room 407	Does not Exist
Instance on Room 372	Does not Exist
SCIENCE PREP ROOM	
Instance on Room 252	Inspected
Alternative use	Yes
Instance on Room 376	Inspected
Alternative use	No
Acid Waste Neutralizing Tank	Inspected
Instance on Room 376	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 252	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CO Detector	Not Required
Instance on Room 376	Not Required
Instance on Room 252	Not Required
Emergency Shower	Inspected
Instance on Room 376	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 252	Does not Exist
Eye Wash	Inspected
Instance on Room 376	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 252	Does not Exist
Hood Exhaust Ductwork	Does not Exist
Instance on Room 376	Does not Exist
Instance on Room 252	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on Room 376	Does not Exist
Instance on Room 252	Does not Exist
Fixed Laboratory Hood	Does not Exist
Instance on Room 376	Does not Exist
Instance on Room 252	Does not Exist
Laboratory Sink	Inspected

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Question	Response
SCIENCE PREP ROOM	
Laboratory Sink	
Instance on Room 376	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 252	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Make-up Air Unit	
Instance on Room 376	Does not Exist
Instance on Room 252	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Dry Sprinkler Alarm Valve Assembly	
	Does not Exist
Wet Sprinkler Alarm Valve Assembly	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Roof Tank	
	Does not Exist
Siamese Connection	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Head	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	
Condition	Inspected
Deficiency	1 - Good
Deficiency Location/Instance	DEFECTIVE/LEAKS
Deficiency Quantity	Boiler Room by Water Main
Quantity Uom	10
Potential Action	L.F.
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Deficiency Photo1	LEVEL 2
Violations	No photo recorded
	No violations recorded.
Standpipe System	
	Inspected
Hose Valve Assembly	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Piping	
Condition	Inspected
Deficiency	1 - Good
Deficiency	No deficiencies recorded
Water Gong	
	Does not Exist
SWIMMING POOL	
	Does not Exist
VENTILATION	
Exhaust Fan	
Approximate Total # of Fans	Inspected
Condition	1-25
	3 - Fair

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Question	Response
VENTILATION	
Exhaust Fan	Inspected
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Condition	2 - Between Good and Fair
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Science Demo Room 201
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	DEFECTIVE FIRE/SMOKE DAMPER
Deficiency Location/Instance	Building Addition - MER 360
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.
Supply Fan	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Original Building - Basement MER / Supply Fan (1 of 1)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Unit Ventilator	Does not Exist