Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection K176

Inspection Id Inspection Type			Time In	Last Edited
ME: K176 Mechanical			2023-10-27 8:01 AM	2023-11-02 10:46 AN
Asset Data				
Question		Answer		
Are there fuel tanks?		Yes		
Total # of above ground tanks		1		
Total capacity of all above ground tanks in gal.		10,000		
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		2		
MERs/Fan Rooms Locations		Original Bu Room	uilding Basement MER, MERs 102	, 261, Penthouse Fan
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?		Yes		
Location(s)		Room 262		
Have any Systems/Major Building Components been upgraded?		Yes		
		Systems:	F&T/Steam Drip Traps; Termina Traps; Climate Control System - Compressor, Refrigerated Air Dr Station	Pneumatic System: Air
		Years:	2022	
		Systems:	Boiler Safety Valves; MDF Room Equipment (DX Split System)	m - Dedicated A/C
		Years:	2020	
		Systems:	Climate Control System - Tempe Thermostats (50%)	erature Control
		Years:	2019	
		Systems:	Fixtures: Toilets, Urinals	
		Years:	2017	
		Systems:	Boiler Feedwater System	
		Years:	2016	
		Systems:	CO/Gas Leak Detection	
		Years:	2013	
Priority Condition				
	ocation Description	Person(s) Notified	Person(s) Title Status	PhotoImage

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Defective Sprinkler/Stand pipe System	Sprinkler Heads are severely painted	SPRINKLERS, STANDPIPE, FIRE SYSTEM Sprinkler Head	Room 121	Julius Serramo	Custodian	Sent to DSF	
Yes	Defective Emergency Stop Switch	C	HEATING PLANT Boiler Auxiliaries Boiler Emergency Stop Switch	Boiler Room Entrance (1 of 3)	Julius Serramo	Custodian	Sent to DSF	
Yes	Defective Boiler Safety Auxiliary		HEATING PLANT Boiler System Steam Boiler	Boiler Room / Boiler #1	Julius Serramo	Custodian	Sent to DSF	
Yes	Defective Boiler Safety Auxiliary		HEATING PLANT Boiler System Steam Boiler	Boiler Room / Boiler #2	Julius Serramo	Custodian	Sent to DSF	

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Original Building - Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
Hybrid System	Does not Exist
Electric System	Under Construction
COMPACTOR	Does not Exist
CONVEYING	Inspected
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	1st Floor Corridor next to Exit 8
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVI
Deficiency Location/Instance	1st Floor Corridor next to Exit 8
Deficiency Quantity	1
Quantity Uom Potential Action	EACH
	INSTALL PRIORITY 2
Urgency of Action Purpose of Action	PRIORITY 3 LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	1st Floor Multipurpose Room East
Instance Condition	3 - Fair
Instance Quantity Instance Quantity Uom	EACH

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	1st Floor Multipurpose Room East
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	Does not Exist
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
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	199
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	100
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2012
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
RAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not Exist
Sump Pump	Inspected

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estion	Response
RAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Sump Pump	
Condition	3 - Fair
Deficiency	No deficiencies recorded
UAL TEMPERATURE SYSTEM (CHILLED AND HOT /ATER)	Does not Exist
IXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC
Deficiency Location/Instance	Staff Toilet Rooms 357, 457
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	1 - Good
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Student	Inspected
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC
Deficiency Location/Instance	Boys Toilet Rooms 126, 365, 465, 565, Girls Toilet Rooms 126A, 365A, 465A, 565A
Deficiency Quantity	12
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	1 - Good

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Question	Response
FIXTURES	Inspected
Student	
Toilet	Inspected
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2013
Source of Installation	
	Inspector Estimate No deficiencies recorded
Deficiency HEATING	
	Inspected
Heating Coil In Ductwork	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not Exist
Radiator/Convector/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER 261
Deficiency Quantity	50
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.

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Question	Response
HEATING	
Steam Heating	
Steam Condensate Return Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Hallway near Room 123, Room 118, Multipurpose Rooms
Deficiency Quantity	80
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.
Terminal Unit Thermostatic Trap	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Main Entrance Vestibule, Exit 7 Vestibule, Multipurpose Room - Eas West (
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.
HEATING PLANT	Inspected
Replacement Quantity	17,196
Replacement Uom	MBH Net
Instance on Original Building - 1st Floor	Inspected
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Is there a water meter on the boiler make-up water piping? Observed Operational?	Yes No
Burner Exists?	Yes
Burner Manufacturer	Industrial Combustion
Burner Model Number	DLG-145P
Boiler Auxiliaries	Inspected
Instance on Original Building - 1st Floor	Inspected
Boiler Auxiliary Piping	
Instance on Original Building - 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

stion	Response	
EATING PLANT		
Boiler Auxiliaries		
Boiler Emergency Stop Switch		
Instance on Original Building - 1st Floor	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Boiler Room Entrance (1 of 3)	
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.	
Pollon Foodyyatan Cyatam		
Boiler Feedwater System Instance on Original Building - 1st Floor	Inspected	
Condition	1 - Good	
Deficiency Boiler Feedwater Treatment(Automatic)	No deficiencies recorded	
	Inamastad	
Instance on Original Building - 1st Floor Condition	Inspected 3 - Fair	
	No deficiencies recorded	
Deficiency Boiler Flue Exhaust	No deficiencies recorded	
	Inamastad	
Instance on Original Building - 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency N. J. D. I.G. D. J. G. D. J	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer	T 1	
Instance on Original Building - 1st Floor Condition	Inspected	
	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping	T 1	
Instance on Original Building - 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency Parilly Sefety Value	No deficiencies recorded	
Boiler Safety Valve	T 1	
Instance on Original Building - 1st Floor	Inspected	
Condition Deficiency	1 - Good	
· · · · · · · · · · · · · · · · · · ·	No deficiencies recorded	
Boiler System Instance on Original Building Lat Floor	Inspected	
Instance on Original Building - 1st Floor	Inspected	
Coal-fired Boiler		
Instance on Original Building - 1st Floor	Does not Exist	
Hot Water Boiler		
Instance on Original Building - 1st Floor	Does not Exist	
Modular Boiler		
Instance on Original Building - 1st Floor	Does not Exist	
Steam Boiler		
Instance on Original Building - 1st Floor	Inspected	
Instance	Boiler Room	
Instance Condition	3 - Fair	

estion	Response
IEATING PLANT	
Boiler System	
Steam Boiler	
Instance Quantity	8,598
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	8241-01
Capacity/Size Quantity	8,598
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation	Documented
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OF 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.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	8,598
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	8241-02
Capacity/Size Quantity	8,598
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation	Documented
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OF 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.
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded

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uestion	Response
HEATING PLANT	
Boiler System	Inspected
Steam Boiler	
Violations	No violations recorded.
Fuel System	Inspected
Instance on Original Building - 1st Floor	Inspected
Boiler Fresh Air Louver/Damper	*
Do Boiler Combustion Air Louvers exist?	Yes
Type	Automatic
Instance on Original Building - 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Original Building - 1st Floor	Inspected
Condition	3 - Fair
Deficiency	BURNER CONTROL PANEL: MISSING BOILER MAKE-UP A INTERLOCK
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2
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.
Fuel Oil Storage/Supply System	
Instance on Original Building - 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Original Building - 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	Inspected
Instance on Rooms 364, 464, 564	Inspected
Dedicated A/C Equipment	Inspected
Instance on Rooms 364, 464, 564	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Rooms 364, 464, 564
Deficiency Quantity	3
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 1st Floor	Inspected

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uestion	Response	
KITCHEN		
CO Detector	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Gas System	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Grease Trap	Does not Exist	
Instance on 1st Floor	Does not Exist	
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	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
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 264	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room 264	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Does not Exist	
SCIENCE LAB	Does not Exist	
SCIENCE PREP ROOM	Does not Exist	
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected	
Dry Sprinkler Alarm Valve Assembly	Does not Exist	
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	

nestion	Response	
SPRINKLERS, STANDPIPE, FIRE SYSTEM	жероше	_
Sprinkler Head		
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Room 262	
Deficiency Quantity	3	
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.	
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Room 121	
Deficiency Quantity	4	
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.	
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?	Partial	
Exhaust Fan	Inspected	
Approximate Total # of Fans	1-25	
Condition	3 - Fair	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Penthouse Fan Room / EF-4 (bearing)	
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.	
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?	Yes	
Condition	3 - Fair	
Deficiency	DEFECTIVE REGISTER/DIFFUSER	
Deficiency Location/Instance	Multipurpose Rooms	
Deficiency Quantity	4	

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K176 Mechanical Inspection Question Response VENTILATION **Metal Ductwork** MAINTENANCE Potential Action PRIORITY 3 Urgency of Action LEVEL 2 Purpose of Action Deficiency Photo1 No photo recorded Violations No violations recorded. DAMAGED FLEXIBLE CONNECTION Deficiency Deficiency Location/Instance Penthouse Fan Room / EF-3 Deficiency Quantity Quantity Uom **EACH** MAINTENANCE Potential Action PRIORITY 3 Urgency of Action Purpose of Action LEVEL 2 Deficiency Photo1 No photo recorded Violations No violations recorded. **Supply Fan** Inspected Approximate Total # of Fans 1-5 Condition 3 - Fair No deficiencies recorded Deficiency Unit Ventilator Inspected Condition 3 - Fair

Deficiency

No deficiencies recorded