Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Inspection Id Inspection Type		Time In	Last Edited
ME : K123 Mechanical		2023-10-18 7:42 AM	2023-10-31 10:40 AM
et Data			
Question	Answer		
Are there fuel tanks?	Yes		
Total # of above ground tanks	2		
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	3		
MERs/Fan Rooms Locations	MER B24, Attic 1 and 2 Fan Rooms		
Are there any spaces with Missing or Defective CO Detectors?	Yes		
Location(s)	Kitchen		
Are there any Emergency Stop Switches with Missing Hammers?	Yes		
Component Affected	Boiler Eme	ergency Stop Switch	
Location	Boiler Roc	om Back Exit	
Are there any Painted/Obstructed Sprinkler Heads?	Yes		
Location(s)	Basement Workshop adjacent to Electrical Room, Rooms		om, Rooms 354, 454
Have any Systems/Major Building Components been upgraded?	Yes		
	Systems:	Climate Control System - Electri	c System (Heat Timer)
	Years:	2022	
	Systems:	Climate Control System - Refrig Pneumatic PRV Station; F&T/St Unit Thermostatic Traps	
	Years:	2021	
	Systems:	Electric Pressure Booster System	1
	Years:	2018	
	Systems:	Kitchen - Grease Trap	
	Years:	2017	
	Systems:	Gas Fired Domestic Water Heate Remote Storage Tanks; Electric I Kitchen; Non-auditorium Handic	Domestic Water Heater i
	Years:	2016	
	Systems:	MDF Room - Dedicated A/C Equ System)	uipment (DX Split
	Years:	2013	

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Defective Boiler Safety Auxiliary	U	HEATING PLANT Boiler Auxiliaries Boiler Safety Valve	Boiler Room (4 of 4)	RICHARD REILLY	Custodian	Sent to DSF	

Question	Response	
Mechanical	•	
AIR CONDITIONING	Does not Exist	
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist	
CLIMATE CONTROL SYSTEM	Inspected	
BMS	Does not Exist	

iestion	Response
CLIMATE CONTROL SYSTEM	
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	61-80%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Room 306 and other locations
Deficiency Quantity	25
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Hybrid System	Does not Exist
Electric System	Inspected
Instance	Throughout (Heat Timer)
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Does not Exist
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Inspected
Are all the existing non-auditorium vertical handicap lifts operable?	Yes
Condition	1 - Good
Deficiency	No deficiencies recorded
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	Basement Mechanical Area
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Canariis
Equipment	N/A

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lestion	Response
DOMESTIC WATER SYSTEM	карова
Domestic Cold Water System	Inspected
Water Service	inspected
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	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	Basement Mechanical Area
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Lochinvar
Equipment	N/A
Capacity/Size Quantity	400
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2016
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
DRAIN/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	SEWAGE/WASTE PIPING: DEFECTIVE/LEAKS
Deficiency Location/Instance	Oil Tank Room (Rusty)
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	L.F. REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded

uestion	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sewage Ejector Pump	Does not Exist
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	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ET
Deficiency Location/Instance	Kitchen Male's Locker 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.
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ET)
Deficiency Location/Instance	Room 110
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.
Toilet	Inspected
Condition Deficiency	3 - Fair No deficiencies recorded

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FIXTURES	
Student	
Urinal	
Condition	4 - Between Fair and Poor
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boys Toilet Rooms 259, 159A, Cafeteria Boys Toilet Room.
Deficiency Quantity	5
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.
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, Basement Mechanical Area
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2000
Source of Installation	Documented
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convector/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	RADIATOR/CONVECTOR: MISSING GUARD/SHIELD
Deficiency Location/Instance	Room 313
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	RADIATOR/CONVECTOR: DEFECTIVE
Deficiency Location/Instance	Corridor adjacent to Room 413

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EATING	
Radiator/Convector/Fin Tube	
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	AUXILIARY (VALVE, VENT): DEFECTIVE
Deficiency Location/Instance	Corridor adjacent to Rooms 453, 409, 306, 304, 302, 252, 207, 202 102, Toilet Room inside Room 110
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.
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	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Basement Mechanical Area (water level switch, leak)
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.
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not Exist
	Increased
Unit Heater/Cabinet Heater Condition	Inspected 3 - Fair

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Mechanical Inspection

stion	Response	
EATING		
Unit Heater/Cabinet Heater		
Deficiency Location/Instance	Room 305	
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.	
EATING PLANT	Inspected	
Replacement Quantity	12,996	
Replacement Uom	MBH Net	
Instance on Sub-Basement	Inspected	
Burner Type	Dual Fuel (Gas/Oil)	
Heating Plant Oil Number	2(B10)	
Is there a water meter on the boiler make-up water piping?	Yes	
Observed Operational? Burner Exists?	No Yes	
Burner Manufacturer	Gordon Piatt Energy Group	
Burner Model Number	F14-GO-50	
Boiler Auxiliaries	Inspected	
Instance on Sub-Basement	Inspected	
Boiler Auxiliary Piping		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	MISSING HAMMER	
Deficiency Location/Instance	Boiler Room Back Exit	
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.	
Boiler Feedwater System		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Flue Exhaust		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	

Boiler Make-up Water Backflow Preventer

stion	Response	
EATING PLANT		
Boiler Auxiliaries		
Boiler Make-up Water Backflow Preventer		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Sub-Basement	Inspected	
Condition	5 - Poor	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Boiler Room (4 of 4, leak)	
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.	
Boiler System	Inspected	
Instance on Sub-Basement	Inspected	
Coal-fired Boiler		
Instance on Sub-Basement	Does not Exist	
Hot Water Boiler		
Instance on Sub-Basement	Does not Exist	
Modular Boiler		
Instance on Sub-Basement	Does not Exist	
Steam Boiler	2000 100 2.000	
Instance on Sub-Basement	Inspected	
Instance	Boiler Room	
Instance Condition	3 - Fair	
Instance Quantity	6,498	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	A. L. Eastmond & Sons Inc.	
Equipment	9925-01	
Capacity/Size Quantity	6,498 MDU N (
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	

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estion	Response
IEATING PLANT	-
Boiler System	
Steam Boiler	
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
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	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	6,498
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	9925-02
Capacity/Size Quantity	6,498
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2000
Source of Installation	Documented
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	4
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.
Fuel System	Inspected
Instance on Sub-Basement	Inspected
Boiler Fresh Air Louver/Damper	
Do Boiler Combustion Air Louvers exist? Type	Yes Automatic
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	BURNER CONTROL PANEL: DEFECTIVE
Deficiency Location/Instance	Boiler Room (Boiler #1, Screen is off)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Lizenzy of Action	DDIODITY 2

Urgency of Action

PRIORITY 3

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iestion	Response
HEATING PLANT	
Fuel System	
Burner/Burner Control Panel	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fuel Oil Storage/Supply System	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	Does not Exist
KITCHEN	Inspected
Instance on Basement	Inspected
CO Detector	Inspected
Instance on Basement	Inspected
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
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Gas System	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Inspected

uestion	Response
KITCHEN	
Hood Fire Suppression System	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	Does not Exist
Instance on Basement	Does not Exist
Kitchen Sink	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 450	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 450	Inspected
Condition	2 - Between Good and Fair
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	4 - Between Fair and Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Basement Workshop adjacent to Electrical Room, Rooms 354, 45
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
	3 - Fair
	S - Fair No deficiencies recorded
Deficiency Standpipe System	Does not Exist
Water Gong	Does not Exist
SWIMMING POOL	Does not Exist
VENTILATION	Inspected
Is the building mechanically ventilated?	Yes
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	No deficiencies recorded

K1
Response
Inspected
3 - Fair
No deficiencies recorded
Inspected
Yes No
3 - Fair
DAMAGED FLEXIBLE CONNECTION
Attic 1 Fan Room (EF-5), Attic 2 Fan Room (EF-1)
3
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No photo recorded
No violations recorded.
Does not Exist
Does not Exist