

**NYC Department of Education  
Building Condition Assessment Survey 2018-2019**

**Mechanical Inspection**

**M871**

School: **HARBOR HIGH BOATHOUSE - MANHATTAN, 134 CARDER ROAD, MANHATTAN, NY, 10004**

InspectionId	Inspection Type	Time In	Last Edited
5200	MECHANICAL	2019-05-30 06:21AM	2019-06-02 01:17PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
Are there fuel tanks?	No
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	1st Floor - Hatchery Equipment Room M101A, M101B, Storage/MER M103A; 2nd Floor - Sprinkler Pump Room M202, MER M203 (Boiler Room)
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>	Does not exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not exist
<b>CLIMATE CONTROL SYSTEM</b>	Inspected
<b>BMS</b>	Does not exist
<b>Electric System</b>	Inspected
Instance	Throughout (Heat Timer System)
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
<b>Hybrid System</b>	Does not exist
<b>Pneumatic System</b>	Does not exist
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</b>	Inspected
<b>Ash Hoist</b>	Does not exist
<b>Dumbwaiter</b>	Does not exist
<b>Elevator</b>	Does not exist
<b>Escalator</b>	Does not exist
<b>Non-auditorium Handicap Lift - Stair</b>	Does not exist
<b>Non-auditorium Handicap Lift - Vertical</b>	Inspected
Condition	1- Good
Are all the existing non-auditorium vertical handicap lifts operable?	Yes
Deficiency	No deficiencies recorded
<b>Sidewalk Elevator</b>	Does not exist
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>Domestic Cold Water System</b>	Inspected
<b>Gravity System</b>	Does not exist
<b>Pressure Booster System</b>	Does not exist
<b>Water Service</b>	Inspected
Instance	Sprinkler/Water/Gas Meter Room M102
Instance Condition	1- Good
Instance Quantity	2
Instance Quantity Uom	EACH

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Water Service</b>	
Deficiency	No deficiencies recorded
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Does not exist
<b>Domestic Water Heat Exchanger</b>	Does not exist
<b>Electric Domestic Water Heater</b>	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Sprinkler Pump Room M202
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Gas Fired Domestic Water Heater</b>	Inspected
Instance	Hatchery Equipment Room M101A
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	RBI
EquipmentId	N/A
Capacity/Size Quantity	299
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Oil Fired 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>	Does not exist
<b>Sewage Ejector Pump</b>	Does not exist
<b>Sewage/Waste/Vent Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Sump Pump</b>	Does not exist
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	Does not exist
<b>Enclosed IDF Room</b>	Does not exist
<b>FIXTURES</b>	Inspected
<b>Staff And Other</b>	Inspected
<b>Janitor Sink</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>FIXTURES</b>	
<b>Staff And Other</b>	
<b>Toilet</b>	
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Urinal</b>	
	Does not exist
<b>Student</b>	
	Inspected
<b>Drinking Fountain</b>	
	Does not exist
<b>Lavatory/Sink</b>	
Condition	1- Good
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Toilet Room M105
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Locker Room Shower</b>	
	Does not exist
<b>Sink And Fountain Combo Unit</b>	
	Does not exist
<b>Toilet</b>	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
<b>Urinal</b>	
	Does not exist
<b>GAS FIRED FURNACE</b>	
	Does not exist
<b>GAS SERVICE</b>	
	Inspected
<b>CO/Gas Leak Detection</b>	
Instance	Inspected
Instance	Hatchery Equipment Room M101A, Sprinkler/Water/Gas Meter Room 102, MER M203
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Gas Distribution Piping</b>	
Condition	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	
Condition	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Meter Room Vent</b>	
Condition	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Gas Pressure Booster</b>	
	Does not exist
<b>HEATING</b>	
	Inspected
<b>Heating Coil In Ductwork</b>	
	Does not exist
<b>Hydronic Heating</b>	
	Inspected
<b>Backflow Preventer</b>	
	Does not exist
<b>Hot Water Heat Exchanger</b>	
	Does not exist
<b>Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries</b>	
Condition	Inspected
Condition	1- Good
Deficiency	PUMP:DEFECTIVE
Deficiency Location/Instance	Boiler Room

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Question	Response
<b>HEATING</b>	
<b>Hydronic Heating</b>	
<b>Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries</b>	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Radiator/Convactor/Fin Tube</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Steam Heating</b>	Does not exist
<b>Steam supplied by External Sources</b>	Does not exist
<b>Unit Heater/Cabinet Heater</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	
Replacement Quantity	710
Replacement Uom	MBH NET
Instance on MER M203	Inspected
Burner Type	Gas
Heating Plant Oil Number	N/A
<b>Boiler Auxiliaries</b>	
Instance on MER M203	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on MER M203	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on MER M203	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on MER M203	Does not exist
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on MER M203	Does not exist
<b>Boiler Flue Exhaust</b>	
Instance on MER M203	Does not exist
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on MER M203	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on MER M203	Does not exist
<b>Boiler Safety Valve</b>	
Instance on MER M203	Does not exist
<b>Boiler System</b>	
Instance on MER M203	Inspected
<b>Coal-fired Boiler</b>	
Instance on MER M203	Does not exist
<b>Hot Water Boiler</b>	
Instance on MER M203	Does not exist
<b>Modular Boiler</b>	

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<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<b>Modular Boiler</b>	
Instance on MER M203	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	355
Instance Quantity Uom	MBH NET
Manufacturer	AERCO
EquipmentId	N/A
Capacity/Size Quantity	355
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	355
Instance Quantity Uom	MBH NET
Manufacturer	AERCO
EquipmentId	N/A
Capacity/Size Quantity	355
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Steam Boiler</b>	
Instance on MER M203	Does not exist
<b>Fuel System</b>	
Instance on MER M203	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Instance on MER M203	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on MER M203	Does not exist
<b>Fuel Oil Storage/Supply System</b>	
Instance on MER M203	Does not exist
<b>Gas Trains And Vent At The Boiler</b>	
Instance on MER M203	Does not exist
<b>KITCHEN</b>	Does not exist
<b>MDF Room</b>	
Instance on Room 201A	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 201A	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	Inspected
<b>Dry Sprinkler Alarm Valve Assembly</b>	Does not exist

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<b>Question</b>	<b>Response</b>
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Fire Booster Pump Assembly</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE FIRE BOOSTER PUMP
Deficiency Location/Instance	Sprinkler Pump Room M202
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>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Sprinkler Head</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Sprinkler Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Standpipe System</b>	Does not exist
<b>Water Gong</b>	Does not exist
<b>Wet Sprinkler Alarm Valve Assembly</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>SWIMMING POOL</b>	Does not exist
<b>VENTILATION</b>	Inspected
<b>Exhaust Fan</b>	Inspected
Condition	1- Good
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
<b>Heating And Ventilating Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Metal Ductwork</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Supply Fan</b>	Does not exist
<b>Unit Ventilator</b>	Does not exist