Mechanical Ins	spection							K160
Asset:	P.S. 160 - BI	ROOKLYN, 510	05 FORT HAM	IILTON PARI	KWAY, New Y	ork, 11219		
Inspection I	d Inspection	Гуре				Time In		Last Edited
ME : K10	60 Mechanical					2019-01-	09 9:06 AM	2019-01-09 2:53 PM
Asset Data								
Question					Answer			
Are there fuel tanks?					Yes			
Total # of abo	ove ground tanks				1			
Total capacity	of all above grou	nd tanks in gal.			8,000			
Total # of belo	ow ground tanks				0			
Total capacity	of all below grou	and tanks in gal.			0			
Total # of wat	ter main service er	ntries to the asset			2			
MERs/Fan Ro	ooms Locations				Basement I	MER		
Are there any	spaces with Missi	ing or Defective C	O Detectors?		No			
Are there any	Emergency Stop	Switches with Mis	sing Hammers?		Yes			
Component A	Affected				Boiler Eme	ergency Stop Switch	1	
Location					Boiler Roo	m		
Are there any	Painted/Obstructe	ed Sprinkler Heads	?		Yes			
Location(s)					Rooms B1	1, 217		
Have any Sys	tems/Major Build	ing Components be	een upgraded?		Yes			
					Systems: Years:	Terminal Unit T	nermostatic Tra	ps
					Systems: Years:	CO/Gas Leak Do	etection	
					Systems:	Kitchen - Grease	Tron	
					Years:	2013	Пар	
							Condonasta Bir	ing: Steam Condensate
					Systems:	MER Steam and Condensate Piping; Steam Condensat Return Pumping System (1 of 2); Heating And Ventila Unit		
					Years:	2012		
					Systems:	Gas Fired Dome	stic Water Heat	er
					Years:	2011		
					Systems:	DX Split System	s for Cafeteria a	and Room 102B
					Years:	2010		
Priority Conditi	ion							
Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Defective Boiler Safety Auxiliary	Leaking Boiler Safety Valves on Boiler #2	HEATING PLANT Boiler Auxiliaries Boiler Safety Valve	Boiler Room / Boiler #2	Erich Smith	Custodian	Sent to DSF	
nspection								
Question					Respons	se		
Mechanical								
AIR CONDI	TIONING				Inspected	 1		
-					Does not			
Chilled We					Does not			
Chilled Wa	•	. D B			T	HV10f		
Condenser	Water Distribut	ion: Piping, Pum	ps and Auxiliarie	es	Does not			
Cooling Co	Water Distribut	ion: Piping, Pum	ps and Auxiliarie	es	Does not			
Condenser	Water Distribut	ion: Piping, Pump	ps and Auxiliarie	es		Exist		
Cooling Co	Water Distribut bil in Ductwork ower	ion: Piping, Pum	ps and Auxiliarie	es	Does not	Exist Exist		

chanical Inspection	
uestion	Response
AIR CONDITIONING	
DX Split System	
Indoor Unit	
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	Does not Exist
Packaged Terminal A/C	Does not Exist
Refrigerant Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	PNEUMATIC TUBING:DEFECTIVE/LEAKS AIR
Deficiency Location/Instance	Rooms 101, 216, and other locations
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.
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	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	Liquitrol

estion	Response
OMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	
Capacity/Size Quantity	3
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	13
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Crawlspace in Cafeteria under Stair B
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEV
Deficiency Location/Instance	Crawlspace in Cafeteria under Stair B
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.
Instance Instance Condition	Storage Closet in Kitchen 3 - Fair
-	5 - Fall
Instance Quantity	l
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEV
Deficiency Location/Instance	Storage Closet in Kitchen
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
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH

K16
Response
A.O. Smith
N/A
390
MBH Input
100
Gallons
Documented
2011
Documented
No deficiencies recorded
Does not Exist
Inspected
3 - Fair
No deficiencies recorded
Inspected
Inspected
3 - Fair
No deficiencies recorded
Inspected
3 - Fair
SEWAGE/WASTE PIPING: DEFECTIVE/LEAKS
Room B3
10
L.F.
REPLACE
PRIORITY 3
LEVEL 2
No photo recorded
No violations recorded.
Does not Exist
Inspected
3 - Fair
No deficiencies recorded
Does not Exist
Inspected
Inspected
Inspected
3 - Fair
No deficiencies recorded
Inspected
3 - Fair
No deficiencies recorded
Inspected
3 - Fair
3 - Tali
No deficiencies recorded

nanical Inspection	K1
estion	Response
FIXTURES	
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	Boy's Toilet Room B1
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.
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	
	Inspected 3 - Fair
Condition	
Deficiency Toilet	No deficiencies recorded
	Inspected 3 - Fair
Condition	
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Girl's Toilet Room 216
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.
Urinal	Inspected
Condition	3 - Fair
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	Does not Exist
Gas Meter Room Vent	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	1 - Good
	1
Instance Quantity	1

nanical Inspection		K10
estion	Response	
SAS SERVICE	Inspected	
CO/Gas_Leak Detection	Inspected	
Installation Year	2017	
Source of Installation	Custodial Staff	
Deficiency	No deficiencies recorded	
IEATING	Inspected	
Heating Coil In Ductwork	Does not Exist	
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	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
MER Steam and Condensate Piping	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Steam Condensate Return Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Steam Condensate Return Pumping System	Inspected	
Condition	1 - Good	
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	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
St	T 1	
Steam Piping	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE/LEAKS	
Deficiency Location/Instance	4th Floor Stair E	
Deficiency Quantity	10 L E	
Quantity Uom Potential Action	L.F.	
	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1 Violations	No photo recorded 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	3 - Fair	

anical Inspection	_
stion	Response
EATING	Inspected
Unit Heater/Cabinet Heater	
Deficiency	DEFECTIVE
Deficiency Location/Instance	Kitchen
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.
EATING PLANT	Inspected
Replacement Quantity	6,496
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Boiler Auxiliaries	Inspected
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	MISSING HAMMER
Deficiency Location/Instance	Boiler Room
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 Basement	Inspected
Condition	3 - Fair
Deficiency	FEEDWATER TANK: DEFECTIVE TANK AUXILIARIES(AUX FEEDWATER VALVE, LOW LEVEL CUT OFF,ETC)
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.
Dellas Faciliano Caratan anti Artica della C	
Boiler Feedwater Treatment(Automatic)	Inspected

anical Inspection		K1
estion	Response	
EATING PLANT		
Boiler Auxiliaries		
Boiler Feedwater Treatment(Automatic)		
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Boiler Room / Boiler #2	
Deficiency Quantity	2	
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 Basement	Inspected	
Coal-fired Boiler		
Instance on Basement	Does not Exist	
Hot Water Boiler		
Instance on Basement	Does not Exist	
Modular Boiler	2000 100 21100	
Instance on Basement	Does not Exist	
Steam Boiler	DOGS HOL EXIST	
	Inspected	
Instance on Basement	Inspected Boiler Room	
Instance Instance Condition	3 - Fair	
Instance Quantity	3,248	
Instance Quantity Uom	MBH Net	
Instance Manufacturer	Cleaver Brooks	
Equipment	9946-01	
Capacity/Size Quantity	5,230	
Capacity/Size UOM	MBH Input	
Source of Capacity/Size	Documented	
Installation Year	1998	
Source of Installation	Documented	

nanical Inspection	K
estion	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
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
Violations	No violations recorded.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	3,248
Instance Quantity Uom	MBH Net
Instance Manufacturer	Cleaver Brooks
Equipment	9946-02
Capacity/Size Quantity	5,230
Capacity/Size UOM	MBH Input
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation	Documented
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
Violations	No violations recorded.
Fuel System	Inspected
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	- Imperior
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	Tio deficiences recorded
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DUAL FUEL (OIL/GAS) BURNER: DEFECTIVE
Deficiency Location/Instance	Boiler Room / Boiler #1
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.
Deficiency	BURNER CONTROL PANEL: DEFECTIVE

echanical Inspection		K160
Question	Response	
HEATING PLANT		
Fuel System		
Burner/Burner Control Panel		
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.	
Fuel Oil Storage/Supply System		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Gas Trains And Vent At The Boiler		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Enclosed IDF Room	Inspected	
Instance on Basement Room near Fuel Oil Tank Room	Inspected	
Instance on Room. 218	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room. 218	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DOES NOT EXIST	
Deficiency Location/Instance	Room 218	
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.	
Instance on Basement Room near Fuel Oil Tank Room	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
KITCHEN	Inspected	
Instance on Basement	Inspected	
CO Detector	Not Required	
Instance on Basement	Not Required	
Gas System	Does not Exist	
Instance on Basement	Does not Exist	
Grease Trap	Inspected	
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Hood	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	

hanical Inspection	
uestion	Response
KITCHEN	
Hood	Inspected
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	Does not Exist
Instance on Basement	Does not Exist
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	Does not Exist
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
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Room B11, 217
Deficiency Quantity	6
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	DEFECTIVE/LEAKS
Deficiency Location/Instance	Crawlspace in Cafeteria under Stair B
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

hanical Inspection		K1
uestion	Response	
SPRINKLERS, STANDPIPE, FIRE SYSTEM		
Sprinkler Piping	Inspected	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Standpipe System	Does not Exist	
Water Gong	Does not Exist	
SWIMMING POOL	Does not Exist	
VENTILATION	Inspected	
Exhaust Fan	Inspected	
Approximate Total # of Fans	1-25	
Condition	3 - Fair	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Room 217 (bearings)	
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	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Metal Ductwork	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Supply Fan	Does not Exist	
Unit Ventilator	Does not Exist	