Asset: P.S. 329 - BROOKLYN, 2929 WEST 30 STREET, N	ew York, 11212		
Inspection Id Inspection Type		Time In	Last Edited
ME: K329 Mechanical		2024-03-11 8:41 AM	2024-03-22 8:28 A
sset Data			
Question	Answer		
Are there fuel tanks?	No		
Total # of water main service entries to the asset	2		
MERs/Fan Rooms Locations		of Penthouse East MER, Lower Ro Penthouse MER	of Penthouse West MEF
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?	No		
Have any Systems/Major Building Components been upgraded?	Yes		
	Systems:	Boiler Safety Valves (2 of 4); K	itchen - Grease Trap
	Years:	2022	
	Systems: Years:	DX Split System - Outdoor Uni 2020	t for Room 200 (1 of 3)
	Systems:	DX Split System - Outdoor Uni Room (1 of 3); Fixtures - Toilet	
	Years:	2018	
	Systems:	Heating Plant; Chilled Water Sy Station Air Handlers; Climate C Climate Control System - Electr Domestic Hot Water Remote St Domestic Water Heater; Sump I Detection; F&T/Steam Drip Tra Thermostatic Traps; MER Stear Steam Condensate Return Pump Heater/Cabinet Heaters; Unit Vo (50%)	Control System - BMS; ric System (Heat Timer) orage Tank; Gas Fired Pumps; CO/Gas Leak aps; Terminal Unit on and Condensate Pipin ping Systems; Unit
	Years:	2016	
	Systems:	MDF Room - Dedicated A/C Ed System)	quipment (DX Split
	Years:	2015	
iority Condition			
Priority Priority Condition Component Location Condition Exist Category Description Affected Description Last Year?	Person(s) Notified	Person(s) Title Status	PhotoImage
No condition recorded			
spection			
Question	Respons	se	
Mechanical			
AIR CONDITIONING	Inspected	i	
Chilled Water System	Inspected	i	
	Does not	Exist	
Absorption Chiller	Does not	Exist	
Absorption Chiller Air Cooled Chiller			
Air Cooled Chiller		Exist	
Air Cooled Chiller Air Cooled Condenser	Does not		
Air Cooled Chiller		1	
Air Cooled Chiller Air Cooled Condenser Chilled Water Distribution: Piping, Pumps and Auxiliaries Condition	Does not Inspected 1 - Good	1	TION
Air Cooled Chiller Air Cooled Condenser Chilled Water Distribution: Piping, Pumps and Auxiliaries Condition Deficiency	Does not Inspected 1 - Good PIPING:	DAMAGED/MISSING INSULA	TION
Air Cooled Chiller Air Cooled Condenser Chilled Water Distribution: Piping, Pumps and Auxiliaries Condition Deficiency Deficiency Location/Instance	Does not Inspected 1 - Good PIPING: Lower R	1	TION
Air Cooled Chiller Air Cooled Condenser Chilled Water Distribution: Piping, Pumps and Auxiliaries Condition Deficiency Deficiency Location/Instance Deficiency Quantity	Does not Inspected 1 - Good PIPING: Lower R 20	DAMAGED/MISSING INSULA	TION
Air Cooled Chiller Air Cooled Condenser Chilled Water Distribution: Piping, Pumps and Auxiliaries Condition Deficiency Deficiency Location/Instance	Does not Inspected 1 - Good PIPING: Lower R 20 L.F.	DAMAGED/MISSING INSULA	TION

estion	Response
IR CONDITIONING	
Chilled Water System	
Chilled Water Distribution: Piping, Pumps and Auxiliaries	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Backflow Preventer	Does not Exist
Central Station Air Handler	Inspected
Instance	Lower Roof Penthouse East MER
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	A.C.2
Capacity/Size Quantity	5
Capacity/Size UOM	Fan Motor HP
Source of Capacity/Size	Documented
Installation Year	1974
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Lower Roof Penthouse East MER
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	A.C.3
Capacity/Size Quantity	8
Capacity/Size UOM	Fan Motor HP
Source of Capacity/Size	Documented
Installation Year	1974
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Lower Roof Penthouse West MER
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Trane
Equipment	A.C.1
Capacity/Size Quantity	5
Capacity/Size UOM	Fan Motor HP
Source of Capacity/Size	Documented
Installation Year	1974
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Lower Roof Penthouse West MER
Instance Condition	3 - Fair
Instance Condition Instance Quantity	1
Instance Quantity Instance Quantity Uom	EACH

nanical Inspection	_	
estion	Response	
AIR CONDITIONING		
Chilled Water System		
Central Station Air Handler		
Equipment	A.C.4	
Capacity/Size Quantity	2	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	1974	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Fan Coil Unit	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Packaged Air Cooled Chiller	Inspected	
Instance	Main Roof (6 Modules)	
Instance Condition	1 - Good	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Refrigerant Type	R-410A	
Instance Manufacturer	Airstack	
Equipment	CH-1	
Capacity/Size Quantity	180	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Inspector Estimate	
Installation Year	2016	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Water Cooled Chiller	Does not Exist	
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not Exist	
	Does not Exist	
Cooling Coil in Ductwork		
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	Does not Exist	
Packaged Terminal A/C	Does not Exist	
Refrigerant Leak Detection System	Does not Exist	
Refrigerant Piping	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Return Fan	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	

estion		Response	
CLIMA	TE CONTROL SYSTEM	Inspected	
BMS		Inspected	
	Instance	Throughout	
	Instance Condition	2 - Between Good and Fair	
	Instance Quantity	1	
	Instance Quantity Uom	EACH	
	Building Area Covered by Operational System	81-100%	
	Installation Year	2016	
	Source of Installation	Documented	
	Deficiency	No deficiencies recorded	
Pneum	natic System	Does not Exist	
	l System	Does not Exist	
-	c System	Inspected	
	Instance	Boiler Room (Heat Timer)	
	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	
COMPA		Inspected	
Condit	ion	3 - Fair	
	Deficiency	NOT IN USE	
	Deficiency Location/Instance	Room 151	
	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.	
CONVE	YING	Inspected	
Dumb	waiter	Does not Exist	
Elevat	or	Inspected	
	Are all the existing elevators operable?	Yes	
Conc		2 - Between Good and Fair	
	Deficiency	No deficiencies recorded	
Escala		Does not Exist	
Non-au	uditorium Handicap Lift - Vertical	Does not Exist	
	uditorium Handicap Lift - Stair	Does not Exist	
Ash H	pist	Does not Exist	
	alk Elevator	Does not Exist	
	TIC WATER SYSTEM	Inspected	
	tic Cold Water System	Inspected	
	vity System	Does not Exist	
	sure Booster System	Does not Exist	
Wat	er Service	Inspected	
	Instance	Room 106	

chanical Inspection	K329
Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DETERIORATED
Deficiency Location/Instance	Room 106
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	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Room 106
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	Crawlspace
Instance Condition	5 - Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DETERIORATED
Deficiency Location/Instance	Crawlspace
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	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Crawlspace
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	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded

echanical Inspection		K329
Question	Response	
DOMESTIC WATER SYSTEM		
Domestic Hot Water System		
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	Lochinvar	
Equipment	N/A	
Capacity/Size Quantity	300	
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	No deficiencies recorded	
Sewage Ejector Pump	Does not Exist	
Sump Pump	Inspected	
Condition	2 - Between Good and 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	No deficiencies recorded	
Toilet	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Urinal	Inspected	
Condition	1 - Good	

chanical Inspection	
uestion	Response
FIXTURES	
Staff And Other	Inspected
Urina <u>l</u>	Inspected
Deficiency	No deficiencies recorded
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	No deficiencies recorded
Toilet	Inspected
Condition	1 - Good
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	Does not Exist
Gas Meter Room Vent	Does not Exist
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2016
Source of Installation	Documented
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	
Condition	Inspected 3 - Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not Exist
Radiator/Convector/Fin Tube Condition	Inspected 3 - Fair
Deficiency Steam Heating	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

stion	Response	
EATING		
Steam Heating		
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	No deficiencies recorded	
Steam Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Terminal Unit Thermostatic Trap	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Steam supplied by External Sources	Does not Exist	
Unit Heater/Cabinet Heater	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
EATING PLANT	Inspected	
Replacement Quantity	10,396	
Replacement Uom	MBH Net	
Instance on Basement	Inspected	
Burner Type	Gas	
Heating Plant Oil Number	N/A	
Is there a water meter on the boiler make-up water piping? Observed Operational?	Yes Yes	
Burner Exists?	Yes	
Burner Manufacturer	Webster	
Burner Model Number	JB3G-75-LMV37-S-M.40VGD-UL-IRI	
Boiler Auxiliaries	Inspected	
Instance on Basement	Inspected	
Boiler Auxiliary Piping		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Feedwater System		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
- cherency	110 deficiencies recorded	

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nestion	Response	
HEATING PLANT		
Boiler Auxiliaries		
Boiler Flue Exhaust		
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency Poilor Section	No deficiencies 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		
Instance on Basement	Does not Exist	
Steam Boiler		
Instance on Basement	Inspected	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	5,198	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	Burnham	
Equipment	59125-01	
Capacity/Size Quantity	6,695	
Capacity/Size UOM	MBH Gross	
Source of Capacity/Size	Documented	
Installation Year	2016	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	5,198	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	Burnham	
Equipment	59125-02	
Capacity/Size Quantity	6,695	
Capacity/Size UOM	MBH Gross	
Source of Capacity/Size	MD11 01055	

chanical Inspection		K329
uestion	Response	
HEATING PLANT		
Boiler System	Inspected	
Steam Boiler		
Installation Year	2016	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Fuel System	Inspected	
Instance on Basement	Inspected	
Boiler Fresh Air Louver/Damper		
Do Boiler Combustion Air Louvers exist?	Yes	
Туре	Automatic	
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Burner/Burner Control Panel		
Instance on Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Fuel Oil Storage/Supply System		
Instance on Basement	Does not Exist	
Gas Trains And Vent At The Boiler		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Enclosed IDF Room	Does not Exist	
KITCHEN	Inspected	
Instance on 1st Floor	Inspected	
CO Detector	Inspected	
Instance on 1st Floor	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Gas System	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Grease Trap	Inspected	
Instance on 1st Floor	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
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	

uestion	Response	
KITCHEN	Response	
Hood Fire Suppression System	Does not Exist	
Instance on 1st Floor	Does not Exist	
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 251	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room 251	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Inspected	
Instance on Room 222	Inspected	
Alternative use	Yes	
Acid Waste Neutralizing Tank	Does not Exist	
Instance on Room 222	Does not Exist	
CO Detector	Not Required	
Instance on Room 222	Not Required	
Emergency Shower	Does not Exist	
Instance on Room 222	Does not Exist	
Eye Wash	Inspected	
Instance on Room 222	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork	Does not Exist	
Instance on Room 222	Does not Exist	
Hood Exhaust Fan	Does not Exist	
Instance on Room 222	Does not Exist	
Fixed Laboratory Hood	Does not Exist	
Instance on Room 222	Does not Exist	
Laboratory Sink	Inspected	
Instance on Room 222	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Room 222	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	Inspected	

SPRINKLERS, STANDPIPE, FIRE SYSTEM Siamese Connection	Response
Stattlese Connection	Townshird
	Inspected
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Standpipe System	Inspected
Hose Valve Assembly	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
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	26-50
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical	
Rooms? Are there chain operated dampers?	Yes No
Condition	3 - Fair
Deficiency	DAMAGED FLEXIBLE CONNECTION
Deficiency Location/Instance	Main Roof Penthouse MER
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.
Supply Fan Unit Ventileten	Does not Exist
Unit Ventilator	Inspected
Condition Deficiency	1 - Good No deficiencies recorded