Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Asset: CENTREVILLE EDUCATIONAL BUILDING - QUEENS, 150-15 RALEIGH STREET, 11417

	Inspection Id	Inspection Type	Time In	Last Edited
	ME : Q335	Mechanical	2024-02-16 7:05 AM	2024-02-23 2:45 PM
Ass	et Data			

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	550
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	Fire Booster Pump Assembly Room 138
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Kitchen
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: Backflow Preventer for Hydronic Heating
	Years: 2020

Priority Condition

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Defective Kitchen Gas System	Gas Control Valve is disconnected	KITCHEN Gas System	Kitchen across from Room 128F	Andre Bayne	Custodian	Sent to DSF	

Inspection

spection			
Question	Response		
Mechanical			
AIR CONDITIONING	Inspected		
Chilled Water System	Inspected		
Absorption Chiller	Does not Exist Does not Exist Does not Exist Inspected		
Air Cooled Chiller			
Air Cooled Condenser			
Chilled Water Distribution: Piping, Pumps and Auxiliaries			
Condition	1 - Good		
Deficiency	No deficiencies recorded		
Backflow Preventer	Does not Exist		
Central Station Air Handler	Inspected		
Instance	Lower Roof		
Instance Condition	1 - Good		
Instance Quantity	2		
Instance Quantity Uom	EACH		
Instance Manufacturer	Annexair		
Equipment	AHU-1, DOAS-1		
Capacity/Size Quantity	11,000		
Capacity/Size UOM	CFM		
Source of Capacity/Size	Documented		
Installation Year	2017		

tion	Response	
R CONDITIONING		
Chilled Water System		
Central Station Air Handler		
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Main Roof	
Instance Condition	1 - Good	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Annexair	
Equipment	AHU-2	
Capacity/Size Quantity	11,500	
Capacity/Size UOM	CFM	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Main Roof	
Instance Condition	1 - Good	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Annexair	
Equipment	DOAS-2	
Capacity/Size Quantity	13,000	
Capacity/Size UOM	CFM	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Main Roof	
Instance Condition	1 - Good	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Annexair	
Equipment	DOAS-3	
Capacity/Size Quantity	12,500	
Capacity/Size UOM	CFM	
Source of Capacity/Size	Documented	
Installation Year	2017	
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	
Instance Condition	1 - Good	
Instance Quantity	1	

iestion	Response	
AIR CONDITIONING	исэроны	
Chilled Water System		
Packaged Air Cooled Chiller		
Refrigerant Type	R-410A	
Instance Manufacturer	ArctiChill	
Equipment	CH-2	
Capacity/Size Quantity	205	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Main Roof	
Instance Condition	1 - Good	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Refrigerant Type	R-410A	
Instance Manufacturer	ArctiChill	
Equipment	CH-1	
Capacity/Size Quantity	205	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Water Cooled Chiller	Does not Exist	
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not Exist	
Cooling Coil in Ductwork	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Cooling Tower	Does not Exist	
DX Split System	Inspected	
Indoor Unit	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Outdoor Unit	Inspected	
Condition	1 - Good	
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	1 - Good	
Deficiency	No deficiencies recorded	
Return Fan	Does not Exist	
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist	
CLIMATE CONTROL SYSTEM	Inspected	

uestion		Response	
	TE CONTROL SYSTEM		
BMS			
	Instance	Throughout	
	Instance Condition	3 - Fair	
	Instance Quantity	1	
	Instance Quantity Uom	EACH	
	Building Area Covered by Operational System	0-20%	
	Installation Year	2017	
	Source of Installation	Documented	
	Deficiency	DEFECTIVE SYSTEM	
	Deficiency Location/Instance	Throughout	
	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.	
Pneun	natic System	Does not Exist	
Hybri	d System	Does not Exist	
Electr	ic System	Does not Exist	
COMPA	CTOR	Does not Exist	
CONVE	YING	Inspected	
Dumb	waiter	Does not Exist	
Elevat	or	Inspected	
	Are all the existing elevators operable?	Yes	
Con	dition	1 - Good	
	Deficiency	No deficiencies recorded	
Escala	tor	Does not Exist	
Non-a	uditorium Handicap Lift - Vertical	Inspected	
	Are all the existing non-auditorium vertical handicap lifts operable?	Yes	
Con	dition	1 - Good	
	Deficiency	No deficiencies recorded	
	uditorium Handicap Lift - Stair	Does not Exist	
Ash H		Does not Exist	
	alk Elevator	Does not Exist	
DOMES	TIC WATER SYSTEM	Inspected	
Domes	stic Cold Water System	Inspected	
Gra	vity System	Does not Exist	
Pres	ssure Booster System	Inspected	
E	ectric Pressure Booster System	Inspected	
	Instance	Room 142 (Outside)	
	Instance Condition	1 - Good	
	Instance Quantity	1	
	Instance Quantity Uom	EACH	
	Instance Manufacturer	Federal Pump	
		r ederar r unip	

tion	Response
DMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	15
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation	Documented
Deficiency	RUSTY/LEAKY VALVES AND PIPE FITTINGS
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.
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Room 142 (Outside)
Instance Condition	1 - Good
Instance Quantity	3
Instance Quantity Uom	EACH
Deficiency	No deficiencies 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	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 Quantity Com	Lochinyar
	N/A
Equipment Capacity/Size Quantity	N/A 250
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist

Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

iestion	Response
DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Condition	1 - Good
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Room 142 (Outside, adjacent to domestic water filter)
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	1 - Good
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	1 - Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	1 - Good
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC.
Deficiency Location/Instance	Gymnasium
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.

(P)

Q335

iestion	Response
FIXTURES	
Student	
Lavatory/Sink	
Condition	1 - Good
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC
Deficiency Location/Instance	Boys Toilet Room 417B
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
Condition	1 - Good
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	1 - Good
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Pressure Booster	Inspected
Instance	Gas Meter Room 136
Instance Condition	1 - Good
Instance Quantity	2
Instance Quantity Uom	EACH
Instance Manufacturer	Eclipse
Equipment	N/A
Capacity/Size Quantity	17,800
Capacity/Size UOM	SCFH
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation	Documented
Deficiency	DEFECTIVE UNIT
Deficiency Location/Instance	Gas Meter Room 136 (high sound, shaft)
Deficiency Quantity	2
Quantity Uom	EACH

Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

uestion	Response	
GAS SERVICE		
Gas Pressure Booster		
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
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	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
HEATING	Inspected	
Heating Coil In Ductwork	Does not Exist	
Hydronic Heating	Inspected	
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Backflow Preventer	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Hot Water Heat Exchanger	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Radiator/Convector/Fin Tube	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Steam Heating	Does not Exist	
Steam supplied by External Sources	Does not Exist	
Unit Heater/Cabinet Heater	Inspected	
Condition	1 - Good	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Adjacent to Exits 2 & 8	
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.	
HEATING PLANT	Inspected	
Replacement Quantity	6,956	
Replacement Uom	MBH Net	
Instance on 3rd Floor	Inspected	

Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

stion	Response	
CATING PLANT		
Burner Type	Gas	
Heating Plant Oil Number Is there a water meter on the boiler make-up water piping?	N/A No	
Burner Exists?	No	
Boiler Auxiliaries	Inspected	
Instance on 3rd Floor	Inspected	
Boiler Auxiliary Piping		
Instance on 3rd Floor	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on 3rd Floor	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Feedwater System		
Instance on 3rd Floor	Does not Exist	
Boiler Feedwater Treatment(Automatic)		
Instance on 3rd Floor	Does not Exist	
Boiler Flue Exhaust		
Instance on 3rd Floor	Does not Exist	
Boiler Make-up Water Backflow Preventer		
Instance on 3rd Floor	Does not Exist	
Boiler Room Steam And Condensate Piping		
Instance on 3rd Floor	Does not Exist	
Boiler Safety Valve		
Instance on 3rd Floor	Does not Exist	
Boiler System	Inspected	
Instance on 3rd Floor	Inspected	
Coal-fired Boiler		
Instance on 3rd Floor	Does not Exist	
Hot Water Boiler		
Instance on 3rd Floor	Does not Exist	
Modular Boiler		
Instance on 3rd Floor	Inspected	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	1,739	
Instance Quantity Uom	MBH Net	
Instance Manufacturer	AERCO	
Equipment	203432	
Capacity/Size Quantity	2,500	
Capacity/Size UOM	MBH Input	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Boiler Room	
Instance Condition	1 - Good	

hanical Inspection		(
uestion	Response	
HEATING PLANT		
Boiler System		
Modular Boiler		
Instance Quantity Uom	MBH Net	
Instance Manufacturer	AERCO	
Equipment	203433	
Capacity/Size Quantity	2,500	
Capacity/Size UOM	MBH Input	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	1,739	
Instance Quantity Uom	MBH Net	
Instance Manufacturer	AERCO	
Equipment	203434	
Capacity/Size Quantity	2,500	
Capacity/Size UOM	MBH Input	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	1,739	
Instance Quantity Uom	MBH Net	
Instance Manufacturer	AERCO	
Equipment	203435	
Capacity/Size Quantity	2,500	
Capacity/Size UOM	MBH Input	
Source of Capacity/Size	Documented	
Installation Year	2017	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Steam Boiler	no deficicies fecolded	
Instance on 3rd Floor	Does not Exist	
Fuel System	Inspected	
Instance on 3rd Floor	Inspected	
Boiler Fresh Air Louver/Damper	W.	
Do Boiler Combustion Air Louvers exist? Type	Yes Automatic	
Instance on 3rd Floor	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Burner/Burner Control Panel		
Instance on 3rd Floor	Does not Exist	
Fuel Oil Storage/Supply System		

uestion	Response
HEATING PLANT	Inspected
Fuel System	
Gas Trains And Vent At The Boiler	
Instance on 3rd Floor	Does not Exist
Enclosed IDF Room	Inspected
Instance on Rooms 227, 323, 423	Inspected
Dedicated A/C Equipment	Inspected
Instance on Rooms 227, 323, 423	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	Inspected
Instance on 1st Floor	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 1st Floor	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE MASTER GAS CONTROL VALVE
Deficiency Location/Instance	Kitchen Opposite to Room 128F (Disconnected Valve)
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.
Grease Trap	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Hoou Exhaust Fan	

ected ood eficiencies recorded
ood
eficiencies recorded
ected
ected
etween Good and Fair
eficiencies recorded
ected
ected
etween Good and Fair
eficiencies recorded
ected
ected
ood
SING AIR GAP
nen
Н
NTENANCE
DRITY 3
EL 2
hoto recorded
iolations recorded.
ected
ected
ected
ected
etween Good and Fair
eficiencies recorded
not Exist
ected
ected
not Exist
not Exist
Required
Required
not Exist
not Exist
ected
ected
ood
eficiencies recorded
not Exist
not Exist
not Exist not Exist
not Exist
d

iestion	Response	
SCIENCE LAB		
Laboratory Sink	Inspected	
Instance on Room 420	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Room 420	Does not Exist	
SCIENCE PREP ROOM	Inspected	
Instance on Room 424	Inspected	
Alternative use	Yes	
Acid Waste Neutralizing Tank	Does not Exist	
Instance on Room 424	Does not Exist	
CO Detector	Not Required	
Instance on Room 424	Not Required	
Emergency Shower	Does not Exist	
Instance on Room 424	Does not Exist	
Eye Wash	Does not Exist	
Instance on Room 424	Does not Exist	
Hood Exhaust Ductwork	Does not Exist	
Instance on Room 424	Does not Exist	
Hood Exhaust Fan	Does not Exist	
Instance on Room 424	Does not Exist	
Fixed Laboratory Hood	Does not Exist	
Instance on Room 424	Does not Exist	
Laboratory Sink	Inspected	
Instance on Room 424	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Make-up Air Unit	Does not Exist	
Instance on Room 424	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	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Roof Tank	Does not Exist	
Siamese Connection	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Sprinkler Head	Inspected	
 Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Sprinkler Piping	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Standpipe System	Inspected	
Hose Valve Assembly	Inspected	
Condition	1 - Good	

uestion	Response	
SPRINKLERS, STANDPIPE, FIRE SYSTEM		
Standpipe System	Inspected	
Hose Valve Assembly	Inspected	
Deficiency	No deficiencies recorded	
Piping	Inspected	
Condition	1 - Good	
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	1-25	
Condition	1 - Good	
Deficiency	DEFECTIVE MOTOR	
Deficiency Location/Instance	Lower Roof / KEF #3	
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.	
Heating And Ventilating Unit	Does not Exist	
Metal Ductwork	Inspected	
Are there any uninsulated ductwork by design in Mechanical		
Rooms? Are there chain operated dampers?	No No	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Supply Fan	Does not Exist	
Juppij i un	DOGS HOT EXIST	