AIR SYSTEM REQUIREMENTS			(Part 1 of 3)	MECH-2C
PROJECT NAME:				**DATE:**
	Indicate Air Systems Type (Central, Single Zone, Package, VAV or etc…)			
Item or System Tags (i.e. AC-1, RTU-1, HP-1)				
No. of Systems				
		Indicate Page Reference on the Plans or Schedule list or list information below		
MANDATORY MEASURES	***T-24 Sections***			
Heating Equipment Efficiency	112(a)			
Cooling Equipment Efficiency	112(a)			
HVAC or Heat Pump Thermostats	112(b), 112(c)			
Furnace Controls/Thermostat	112(c), 115(a)			
Natural Ventilation	121(b)			
Mechanical Ventilation	121(b)			
VAV Minimum Position Control	121(c)			
Demand Control Ventilation	121(c)			
Time Control	122(e)			
Setback and Setup Control	122(e)			
Outdoor Damper Control	122(f)			
Isolation Zones	122(g)			
Pipe Insulation	123			
Duct Insulation	124			
PRESCRIPTIVE MEASURES				
Calculated Design Heating Load	144(a & b)			
Calculated Design Cooling Load	144(a & b)			
Fan Control	144(c)			
DP Sensor Location	144(c)			
Supply Pressure Reset (DDC only)	144(c)			
Simultaneous Heat/Cool	144(d)			
Economizer	144(e)			
Heat and Cool Air Supply Reset	144(f)			
Electric Resistance Heating[1]	144(g)			
Heat Rejection System	§144 (h)			
Air Cooled Chiller Limitation	§144 (i)			
Duct Leakage Sealing. If Yes, a **MECH-4-A** must be submitted	144(k)			

1. Total installed capacity (MBtu/hr) of all electric heat on this project exclusive of electric auxiliary heat for heat pumps. If electric heat is used explain which exception(s) to §144(g) apply.

WATER SIDE SYSTEM REQUIREMENTS

(Part 2 of 3) **MECH-2C**

PROJECT NAME:	**DATE:**

		WATER[2] SIDE SYSTEMS: Chillers, Towers, Boilers, Hydronic Loops					
Item or System Tags (i.e. AC-1, RTU-1, HP-1, CT-1, etc…)[1]							
No. of Systems							
	Indicate Page Reference on Plans or Specification[2]						
MANDATORY MEASURES	***T-24 Sections***						
Equipment Efficiency	112(a)						
Pipe Insulation	123						
PRESCRIPTIVE MEASURES							
Cooling Tower Fan Controls	144(h)						
Cooling Tower Flow Controls	144(h)						
Variable Flow System Design	144(j)						
Chiller and Boiler Isolation	144(j)						
CHW and HHW Reset Controls	144(j)						
WLHP Isolation Valves	144(j)						
VSD on CHW, CW & WLHP Pumps >5HP	144(j)						
DP Sensor Location	144(j)						

1. The Proposed equipment need to match the building plans schedule or specifications. If a requirement is not applicable, put "N/A" in the column next to applicable section.

2. For each chiller, cooling tower, boiler, and hydronic loop (or groups of similar equipment) fill in the reference to sheet number and/or specification section and paragraph number where the required features are documented. If a requirement is not applicable, put "N/A" in the column next to applicable section.

SERVICE HOT WATER & POOL/SPA REQUIREMENTS (Part 3 of 3) MECH-2C

PROJECT NAME:	DATE:

		Service Hot Water, Pool Heating					
Item or System Tags (i.e. WH-1, WHP, DHW, etc…)[1]							
No. of Systems							
	Indicate Page Reference on Plans or Schedule[2]						
MANDATORY MEASURES	***T-24 Section***						
SERVICE HOT WATER							
Certified Water Heater	§111, §113 (a)						
Water Heater Efficiency	§113 (b)						
Service Water Heating Installation	§113 (c)						
Pipe Insulation	§123						
POOL AND SPA							
Pool and Spa Efficiency and Control	§114 (a)						
Pool and Spa Electric Resisting Heating	§114 (b) Exception						
Pool and Spa Installation	§114 (b)						
Pool Heater – No Pilot Light	§115 (c)						
Spa Heater – No Pilot Light	§115 (d)						
Pipe Insulation	§123						

1: The Proposed equipment need to match the building plans schedule or specifications. If a requirement is not applicable, put "N/A" in the column next to the measure.

2: For each water heater, pool heat and domestic water loop (or groups of similar equipment) fill in the reference to sheet number and/or specification section and paragraph number where the required features are documented. If a requirement is not applicable, put "N/A" in the column.