CERTIFICATE OF INSTALLATION

This Certificate of Installation documents the installation of process system features, materials, components, and manufactured devices required to demonstrate compliance with Title 24, Part 6 per §10-103(a)3 for nonresidential, hotel/motel and high-rise residential occupancies.

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	Permit Application Date:

A. GENERAL INFORMATION

01	Project Location (city):		05	Authority Having Jurisdiction:	
02	Zip Code:		06	Building Permit #:	
03	Date of Permit Set used for construction:		07	Date of As-built Set:	
04	Name of Permit Set used for construction:		08	Name of As-built Set:	

B. INSTALLER SCOPE

This table indicates construction systems and materials documented on this Certificate of Installation

Electrical

□	Elevator Lighting	□	Escalator and Moving Walkways Controls

HVAC

□	Refrigerated Spaces Underslab Heating	□	Parking Garage Exhaust	□	Elevator Ventilation Controls
□	Computer Rooms	□	Commercial Kitchen Ventilation	□	Laboratory/Factory Exhaust & Fume Hood

Insulation

□	Refrigerated Spaces Exterior Insulation

Plumbing

□	Process Boilers	□	Compressed Air Systems

Refrigeration

□	Food/Beverage Stores >= 8,000 ft^2	□	Refrigerated Space >= 3,000 ft^2 Fan Powered Evaporators	□	Refrigerated Space >= 3,000 ft^2 Condensers
□	Refrigerated Space >= 3,000 ft^2 Compressors	□	Refrigerated Space >= 3,000 ft^2 Infiltration Barriers	□	Refrigerated Space >= 3,000 ft^2 Transcritical CO_2 Fan-powered Gas Coolers (new only)

Specialty

□	Commercial Kitchen Hood	□	Escalator and Moving Walkways Controls	□	Pool/Spa
□	Controlled Environment Horticulture Lighting	□	New Steam Traps		

C. COMPLIANCE RESULTS

This table indicates whether the as-built conditions documented in this form are equal or better than what was documented on the permitted Certificate of Compliance. If the installation is not equal or better, Section 10-103(a)2B requires the Certificate of Compliance to be revised accordingly to demonstrate compliance.

01	**INSTALLED FEATURES EXACTLY MATCH DESIGN ON PERMITTED CERTIFICATE OF COMPLIANCE**

Documented as-built conditions should be verified by inspector from Authority Having Jurisdiction to comply.

The Certificate of Compliance should be revised to confirm as-built conditions comply and this Certificate of Installation updated accordingly.

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of field conditions noted by the installer that may impact requirements documented on the Certificate of Compliance.

E. INSTALLER NOTES

This table includes remarks made by the installer to the Authority Having Jurisdiction.

F. INSTALLATION DETAILS

The following tables indicate performance requirements as documented on the permitted Certificate of Compliance for all systems and components included in Table B. Installer Scope. Also indicated are the as-built conditions documented by the installer/ documentation author.

Refrigerated Warehouse/Space Fan Powered Evaporators

01	02	03	04	05	06	07
Name or Item Tag	Model #	Motor HP	Phase	Type or Efficiency	Fan Controls	Evaporator Compliance
Per NRCC						
As-built Conditions						

Refrigerated Warehouse/Space Condensers (Air-cooled, Water-cooled, Evaporative-cooled, Adiabatic)

01	02	03	04	05	06	07	08
Name or Item Tag	Model #	Condenser Location	Temp Setpoint Controls	Variable Speed Control	Refrigerant Type	Efficiency (Btuh/W)	Condenser Compliance
Per NRCC							
As-built Conditions							

Refrigerated Warehouse/Space Compressors

Refrigerated Warehouse/Space Compressors					
01	02	03	04	05	06
Name or Item Tag	Model #	Condensing Temp	Variable Speed Control	Variable Volume Ratio	Compressor Compliance
Per NRCC					
As-built Conditions					

Refrigerated Warehouse/Space Infiltration Barriers and Automatic Door Closers

01	02	03	04
Room ID/ Description	Infiltration Barrier	Door Closure	Infiltration Barrier Compliance

[1] FOOTNOTE: Infiltration barriers include strip curtains, automatically closing door, or an air curtain designed by the manufacturer

Transcritical CO_2 Fan-powered Gas Coolers

01	02	03	04	05	06
Name or Item Tag	Variable Speed Control	Gas Cooler Pressure Controls	Design Condensing Temperatures	Efficiency (Btuh/W)	Compliance
Per NRCC	Variable speed fan(s) provided controlled per §120.6(a)8D	Condensing temp reset per §120.6(a)4F and cooler pressure setpoint maximizes efficiency			
As-built Conditions					

Refrigerated Warehouse/Space Exterior Surface Insulation

01	¨	Exterior surfaces of refrigerated warehouses/spaces are insulated at least to the R-values in TABLE 120.6-A (see below).

TABLE 120.6-A REFRIGERATED WAREHOUSE/SPACE INSULATION

02	03	04	05
Space	Surface	Minimum R-Value	Insulation Compliance
Freezers	Roof/ Ceiling	40	
	Wall	36	
	Floor	35	
	Floor with all heating from productive refrigeration capacity[1]	20	
Coolers	Roof/ Ceiling	28	
	Wall	28	

[1] FOOTNOTE: All underslab heating is provided by a heat exchanger that provides refrigerant subcooling or other means that result in productive refrigeration capacity on the associated refrigerated system.

Refrigerated Warehouse/Space Underslab Heating

01	02	03
Room ID/ Description	Compliance Method	Underslab Heating Compliance
Per NRCC		
As-built Conditions		

Condensers Serving Commercial Refrigeration System

The following requirements have been included on the permitted Certificate of Compliance (NRCC) to comply with Title 24, Part 6. Installed equipment shall meet these requirements or the Certificate of Compliance shall be modified to demonstrate compliance.

The project includes replacement condensers that meet the following conditions: - attached compressor system Total Heat of Rejection does not increase and; - less than 25 percent of both the attached compressors and the attached display cases are new.
All equipment, appliances and components serving the refrigeration system have been certified by the Energy Commission as compliant with Title 20 and listed in the Modernized Appliance Efficiency Database System found at https://cacertappliances.energy.ca.gov/Pages/Search/AdvancedSearch.aspx.[1]

01	02	03	04	05	06	07
Name or Item Tag	Condenser Type	Variable Speed Control	Temp Setpoint Controls	Specific Efficiency (Btuh/W)	Fin Density	Condenser Compliance
Per NRCC						
As-built Conditions						

Compressors and Condensing Units Serving Commercial Refrigeration System

01	02	03
Name or Item Tag	Saturation suction temperature control (SST)	Condenser Compliance
Per NRCC		
As-built Conditions		

Refrigerated Display Cases

01			02
Lighting Controls for Refrigerated Display Cases & Illuminated Glass Doors of Walk-in Coolers/ Freezers			Refrigerated Display Case Compliance
Per NRCC			
As-built Conditions	☐	*Timeclock: Turn off lighting power automatically during non-business hours*	
	☐	*Motion Sensor: Reduce lighting power by at least 50% within 30 minutes after the nearby area is vacated*	

Heat Recovery of Refrigeration System

Per NRCC	
As-built Conditions	

Transcritical CO_2 Fan-powered Gas Coolers

Transcritical CO_2 Fan-powered Gas Coolers					
01	02	03	04	05	06
Name or Item Tag	Variable Speed Control	Gas Cooler Pressure Controls	Design Condensing Temperatures	Efficiency (Btuh/W)	Compliance
Per NRCC	Variable speed fan(s) provided controlled per §120.6(b)5D	Condensing temp reset per §120.6(b)1A and cooler pressure setpoint maximizes efficiency			
As-built Conditions					

Enclosed Parking Garage Exhaust Controls

	Per C of C	As-built	Exceptions
01	□	□	Garage is expected to have vehicles with non-gasoline combustion engines for > 20% of the parked vehicles per Exception 1 to §120.6(c)
02	□	□	Project scope includes an addition or alteration to an existing garage where < 10,000 cfm of new exhaust capacity is being added Exception 2 to §120.6(c)
			Requirements
03	□	□	Exhaust fan control modulates airflow rates <= 50% design capacity when contaminant levels are maintained per §120.6(c)1
04	□	□	Fan control or device allows fan motor demand ≤ 30% design wattages at 50% of design airflow per §120.6(c)2
05	□	□	Design includes monitoring CO with a sensor density >= 1 per 5,000 ft2 per §120.6(c)3
06	□	□	CO sensors are located in the highest expected concentration locations, with at least two per proximity zone per §120.6(c)3
07	□	□	Design CO sensor setpoint <= 25 ppm per §120.6(c)4
08	□	□	Occupied garage design maintains negative pressurization per §120.6(c)6
09	□	□	Designed occupied total ventilation rate >= 0.15 CFM/ ft^2 §120.6(c)5

CO Sensors shall be:

A. Certified by the manufacturer to be accurate within plus or minus 5% of measurement.

B. Factory calibrated

C. Certified by the manufacturer to drift no more than 5% per year.

D. Certified by the manufacturer to require calibration no more frequently than once a year.

E. Monitored by a control system. The system shall have logic that automatically checks for sensor failure by the following means. Upon detection of a failure, the system shall reset to design ventilation rates and transmit an alarm to the facility operators.

i. If any sensor has not been calibrated according to the manufacturer's recommendations within the specified calibration period, the sensor has failed.

ii. During unoccupied periods the system compares the readings of all sensors, e.g., if any sensor is more than ppm above or below the average of all sensors for longer than 4 hrs, the sensor has failed.

iii. During unoccupied periods the system compares the readings of sensor in the same proximity zone, e.g. if the 30 minute rolling average for any sensor in a proximity zone is more than 15 ppm above or below the 30 minute rolling average for other sensor(s) in that proximity zone, the sensor has failed.

Enclosed Parking Garage Exhaust

01	02	03	04
Fan Name or Item Tag	Parking Garage Area (ft2)	Ventilation Fan Rate (CFM)	Exhaust Compliance
Per C of C			
As-built Conditions			

Process Boilers

01	02	03	04	05	06	07
Name or Item Tag	Model #	Rated Input Capacity per Boiler (Btu/h)	Fan Controls	Combustion Air Shutoff	Stack Design and Controls	Process Boiler Compliance
Per NRCC						
As-built Conditions						

Compressed Air Systems

01	02	03	04	05	06	07
System Name/ Description	Model #	Trim Compressor	Controls	Monitoring	Service Line Size[1]	Compressed Air Compliance
Per NRCC						
As-built Conditions						

[1] *FOOTNOTE: Service line piping are pipes that deliver compressed air from distribution piping to end uses.*

Elevator Lighting and Ventilation

Lighting

01	02	03	04	05	06
Elevator Name or Item Tag	Fixture Name or Item Tag	Number of Fixtures	Watts per Fixture	Total Power	Elevator Lighting Compliance
Per C of C					
As-built Conditions					

Ventilation

07	08	09	10	11	12
Name or Item Tag	Fan Power (Watts)	Airflow (CFM)	Watts per CFM	Controls	Elevator Ventilation Compliance
Per C of C					
As-built Conditions					

Escalators and Moving Walkway Speed Controls

The following requirements have been included on the permitted Certificate of Compliance (NRCC) to comply with Title 24, Part 6. Installed equipment shall meet these requirements or the Certificate of Compliance shall be modified to demonstrate compliance.

Escalators and moving walkways located in airports, hotels, and transportation function areas shall automatically slow to the minimum permitted speed in accordance with ASME A17.1/CSA B44 when not conveying passengers.

Computer Room Systems

01	02	03	04	05	06	07	08	09
Computer Room Name/ID	Economizer	Reheat Controls	Humidification	Sensible Cooling Capacity (kBtuh)	Total Fan System Power (Watts)	Fan Controls	Containment	Computer Room Compliance
Per NRCC								
As-built Conditions								

Computer Room Uninterruptible Power Supply (UPS)

01	02	03	04	05	06
Computer Room Name/ID	Alternating Current Output UPS Compliance Method	Type of UPS	UPS Rated Output Power (W)	Efficiency	Compliance
Per NRCC					
As-built Conditions					

Commercial Kitchen Exhaust & Ventilation

Kitchen Ventilation

The following ventilation requirements have been included on the permitted Certificate of Compliance to comply with Title 24, Part 6. Installed equipment shall meet these requirements or the Certificate of Compliance shall be modified to demonstrate compliance.

Not providing replacement air directly to the hood(s).
Mechanically cooled or heated makeup air delivered to any space with a kitchen hood does not exceed the supply flow required to meet the space heating and cooling load.
Mechanically cooled or heated makeup air delivered to any space with a kitchen hood does not exceed the hood exhaust flow minus the available transfer air from adjacent spaces.
The kitchen /dining facility has a total Type I and Type II kitchen hood exhaust airflow rate > 5000 cfm and at least 50% of all replacement air is transferred air that would otherwise be exhausted.
The kitchen /dining facility has a total Type I and Type II kitchen hood exhaust airflow rate > 5000 cfm and demand ventilation system(s) on at least 75% of the exhaust air.
The kitchen /dining facility has a total Type I and Type II kitchen hood exhaust airflow rate > 5000 cfm and listed energy recovery devices with a sensible heat recovery effectiveness of > 40 on at least 50% of the total exhaust airflow.
The kitchen /dining facility has a total Type I and Type II kitchen hood exhaust airflow rate > 5000 cfm and a minimum of 75% of makeup air volume having a total of no more than 60°F and uncooled or cooled without the use of mechanical cooling.

Kitchen Hood

01	02	03	04	05	06	07
Name or Item Tag	Hood Type	Hood Style	Equipment Duty	Hood Length (ft)	Hood Exhaust Rate (CFM)	Kitchen Exhaust Compliance
Per C of C						
As-built						

Laboratory And Factory Exhaust and Fume Hoods

01	02	03	04	05
Zone/System or Item Tag	Airflow Reduction	Transfer Air	Fan Power	Hood Sash Closure
Per NRCC				
As-built Conditions				

Controlled Environment Horticulture Lighting

01	02	03	04	05	06
Zone/System or Item Tag	Photosynthetic Photon Efficacy (PPE)	Timeswitch Lighting Controls	Multilevel Lighting Controls	Electrical System Monitoring	CEH Compliance
Per NRCC				Electrical system capable of monitoring electrical energy usage of horticulture lighting load	
As-built Conditions					

Space Conditioning for Plant Production

01	02	03
System Name/ Description	Dehumidification System for Indoor Grow CEH Compliance Method	CEH Compliance

Steam Traps in Industrial Facilities

01	02	03	04
Fault Detection Diagnostics Monitoring		Strainer Installation	Steam Traps Compliance
Update Interval	Alarm Display		
Per NRCC			
As-built Conditions			

Pool & Spas

01	02	03	04	05	06	07	08
Pool/Spa Description	Efficiency	On/Off Control	Instructions & Covers	Electric Resistance Heating	Piping	Directional Inlets & Pump Control	Pool/Spa Compliance
Per C of C	Equipment subject to State/federal appliance efficiency standards is in the CEC's directory of certified equipment	Includes on-off switch mounted on outside of heater allowing shutting off heater without adjusting thermostat					
As-built Conditions							

Additional Requirements for Pool/ Spa Serving One Tenant

All pump flow rates shall be calculated using $H = C \times F^2$ WHERE: H is the total system head in feet of water F is the flow rate in gallons per minute (gpm) C is a coefficient based on the volume of the pool (0.0167 for pools less than or equal to 17,000 gallons & 0.0082 for pools greater than 17,000 gallons)
Filtration pumps shall be sized, or if programmable, shall be programmed, so that the filtration flow rate is not greater than the rate needed to turn over the pool water volume in 6 hours or 36 gpm, whichever is greater.
Pump motors used for filtration shall meet the applicable federal standard in 10 CFR 431.465.
Each auxiliary pool load shall be served by either separate pumps or the system shall be served by a multispeed pump if pump hp >= 1. - Multispeed pumps shall have controls which default to the filtration flow rate when no auxiliary pool loads are operating; and - For multispeed pumps, the controls shall default to the filtration flow rate setting within 24 hours and shall have an override capability for servicing.
System Piping must meet the following requirements: - A length of straight pipe that is greater than or equal to at least 4 pipe diameters shall be installed before the pump; and - Pool piping shall be sized so that the velocity of the water at maximum flow for auxiliary pool loads does not exceed 8 feet per second in the return line and 6 feet per second in the suction line; and - All elbows shall be sweep elbows or of an elbow-type that has a pressure drop of less than the pressure drop of straight pipe with a length of 30 pipe diameters.
Filters shall be at least the size specified in NSF/ANSI 50 for public pool intended applications.
Minimum diameter of backwash valves shall be 2 inches or the diameter of the return pipe, whichever is greater.

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Installation documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	CEA/HERS Certification Identification (If applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

2. I certify the following under penalty of perjury, under the laws of the State of California:
    1. The information provided on this Certificate of Installation is true and correct.
    2. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation and attest to the declarations in this statement (responsible builder/installer), otherwise I am an authorized representative of the responsible builder/installer.
    3. The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations, and the installation conforms to the requirements given on the plans and specifications approved by the enforcement agency.
    4. I reviewed a copy of the Certificate of Compliance approved by the enforcement agency that identifies the specific requirements for the scope of construction or installation identified on this Certificate of Installation, and I have ensured that the requirements that apply to the construction or installation have been met.
    5. I understand that a completed signed copy of this Certificate of Installation shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
    6. I understand that a completed signed copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish this requirement.

Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300

A. General Information

1. This field is filled out automatically.
2. Enter the Zip Code.
3. Enter the Date of Permit Set used for construction.
4. Enter the Name of Permit Set used for construction.
5. Enter the Authority Having Jurisdiction.
6. Enter the Building Permit #.
7. Enter the Date of As-Built Set.
8. Enter the Name of As-Built Set.

B. Project Scope

1. Select applicable electrical components.
2. Select applicable HVAC components.
3. Select applicable insulation.
4. Select applicable plumbing components.
5. Select applicable refrigeration scope.
6. Select applicable specialties.

C. Compliance Results

1. This table is automatically filled with uneditable comments based on data entered in Section F.

D. Exceptional Conditions

1. This table is automatically filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. Additional Remarks

1. Enter any notes or comments for the AHJ.

F. INSTALLATION DETAILS

Refrigerated Warehouse/Space Fan Powered Evaporators

1. This field is filled out automatically.

2. Enter the Model #.
3. Motor HP: Select from dropdown.
4. Phase: Select from dropdown.
5. Type or Efficiency: Select from dropdown.
6. Fan Controls: Select from dropdown.
7. This field is filled out automatically.

Refrigerated Warehouse/Space Condensers (Air-cooled, Water-cooled, Evaporative-cooled, Adiabatic)

1. This field is filled out automatically.
2. Enter the Model #.
3. Condenser Location: Select from dropdown.
4. Temp Setpoint Controls: Select from dropdown.
5. Variable Speed Control: Select from dropdown.
6. Refrigerant Type: Select from dropdown.
7. Enter the Efficiency (Btuh/W).
8. This field is filled out automatically.

Refrigerated Warehouse/Space Compressors

1. This field is filled out automatically.
2. Enter the Model #.
3. Condenser Temp: Select from dropdown.
4. Variable Speed Control: Select from dropdown.
5. Variable Volume Ratio: Select from dropdown.
6. This field is filled out automatically.

Refrigerated Warehouse/Space Infiltration Barriers and Automatic Door Closers

1. This field is filled out automatically.
2. Infiltration Barrier: Select from dropdown.
3. Door Closure: Select from dropdown.
4. This field is filled out automatically.

Transcritical CO2 Fan-powered Gas Coolers

1. This field is filled out automatically.
2. Static text describing variable speed fan control requirement
3. Static text describing gas cooler pressure control requirements
4. Design Condensing Temperatures: Select from dropdown.
5. Enter the Efficiency (Btuh/W).
6. This field is filled out automatically.

Refrigerated Warehouse/Space Exterior Surface Insultation

1. Select if exterior surfaces of refrigerated warehouses/spaces are insulated at least to the minimum R-values.
2. Nothing to do for this column.
3. Nothing to do for this column.
4. Nothing to do for this column.
5. This field is filled out automatically.

Refrigerated Warehouse/Space Underslab Heating

1. This field is filled out automatically.
2. Compliance Method: Select from the dropdown.
3. This field is filled out automatically.

Condensers Serving Commercial Refrigeration System

1. This field is filled out automatically.
2. Condenser Type: Select from dropdown.
3. Variable Speed Control: Select from dropdown.
4. Temp Setpoint Controls: Select from dropdown.
5. Enter the Specific Efficiency (Btuh/W).
6. Fin Density: Select from dropdown.
7. This field is filled out automatically.

Compressors and Condensing Units Serving Commercial Refrigeration System

1. This field is filled out automatically.

2. Saturation suction temperature control (SST): Select from dropdown.
3. This field is filled out automatically.

Refrigerated Display Cases

1. Select applicable lighting controls for refrigerated display cases & illuminated glass doors of walk-in coolers/ freezers.
2. This field is filled out automatically.

Heat Recovery of Refrigeration System:

1. Select from dropdown.

Transcritical CO_2 Fan-powered Gas Coolers

7. This field is filled out automatically.
8. Static text describing variable speed fan control requirement.
9. Static text describing gas cooler pressure control requirements.
10. Design Condensing Temperatures: Select from dropdown.
11. Enter the Efficiency (Btuh/W).
12. This field is filled out automatically.

Enclosed Parking Garage Exhaust Controls

1. Select the As-built box if the Exception applies.
2. Select the As-built box if the Exception applies.
3. Select the As-built box if the Requirement is met.
4. Select the As-built box if the Requirement is met.
5. Select the As-built box if the Requirement is met.
6. Select the As-built box if the Requirement is met.
7. Select the As-built box if the Requirement is met.
8. Select the As-built box if the Requirement is met.
9. Select the As-built box if the Requirement is met.

Enclosed Parking Garage Exhaust

1. This field is filled out automatically.

2. Enter the Parking Garage Area (ft^2).
3. Enter the Ventilation Fan Rate (CFM).
4. This field is filled out automatically.

Process Boilers

1. This field is filled out automatically.
2. Enter the Model #.
3. Rated Input Capacity per Boiler (Btu/h): Select from dropdown.
4. Fan Controls: Select from dropdown.
5. Combustion Air Shutoff: Select from dropdown.
6. Stack Design and Controls: Select from dropdown.
7. This field is filled out automatically.

Compressed Air Systems

1. This field is filled out automatically.
2. Enter the Model #.
3. Trim Compressor: Select from dropdown.
4. Controls: Select from dropdown.
5. Monitoring: Select from dropdown.
6. Service Line Size: Select from dropdown.
7. This field is filled out automatically.

Elevator Lighting and Ventilation

1. This field is filled out automatically.
2. This field is filled out automatically.
3. Enter the Lighting Number of Fixtures.
4. Enter the Lighting Watts per Fixture.
5. This field is filled out automatically.
6. This field is filled out automatically.
7. This field is filled out automatically.
8. Enter the Ventilation Fan Power (Watts).

9. Enter the Ventilation Airflow (CFM).
10. This field is filled out automatically.
11. Controls: Select from dropdown.
12. This field is filled out automatically.

Escalators and Moving Walkway Speed Controls

1. This table covers requirements for Escalators and moving walkways located in airports, hotels, and transportation function areas.

Computer Room Systems

1. This field is filled out automatically.
2. Economizer: Select from dropdown.
3. Reheat Controls: Select from dropdown.
4. Humidification: Select from dropdown.
5. Enter the Sensible Cooling Capacity (kBtuh).
6. Enter the Total Fan System Power (Watts).
7. Fan Controls: Select from dropdown.
8. Containment: Select from dropdown.
9. This field is filled out automatically.

Computer Room Uninterruptible Power Supply (UPS)

1. This field is filled out automatically.
2. Alternating Current Output UPS Compliance Method: Select from dropdown.
3. Type of UPS: Select from dropdown.
4. Enter the UPS Rated Output Power.
5. Enter the Efficiency.
6. This field is filled out automatically.

Commercial Kitchen Ventilation

1. This table covers commercial kitchen ventilation requirements.

Commercial Kitchen Hood

1. This field is filled out automatically.
2. Hood Type: Select the dropdown.
3. Hood Style: Select the dropdown.
4. Equipment Duty: Select the dropdown.
5. Enter the Hood Length (ft).
6. Enter the Hood Exhaust Rate (CFM).
7. This field is filled out automatically.

Laboratory and Factory Exhaust and Fume Hoods

1. Enter the Zone/System or Item Tag.
2. Airflow Reduction: Select from dropdown.
3. Transfer Air: Select from dropdown.
4. Fan power: Select from dropdown.
5. Hood Sash Closure: Select from dropdown.

Controlled Environment Horticulture Lighting

1. This field is filled out automatically.
2. Photosynthetic Photon Efficacy (PPE): Select from dropdown.
3. Timeswitch Lighting Controls: Select from dropdown.
4. Multilevel Lighting Controls: Select from dropdown.
5. Static text describing electrical system monitoring requirement.
6. This field is filled out automatically.

Space Conditioning for Plant Production

1. Enter name or description of system.
2. Dehumidification System for Indoor Grow CEH Compliance Method: Select from dropdown.
3. This field is filled out automatically.
4. This field is filled out automatically.

Steam Traps in Industrial Facilities

1. Update Interval Fault Detection Diagnostics Monitoring: Select from dropdown.
2. Alarm Display Fault Detection Diagnostics Monitoring: Select from dropdown.
3. Strainer Installation: Select from dropdown.
4. This field is filled out automatically.

Pool & Spas

1. This field is filled out automatically.
2. Efficiency
3. On/Off Control
4. Instructions & Covers: Select from dropdown.
5. Electric Resistance Heating: Select from dropdown.
6. Piping: Select from dropdown.
7. Directional Inlets & Pump Control: Select from dropdown.
8. This field is calculated automatically.

Documentation Declaration Statements

1. The person who prepared the NRCI will sign and complete the fields for their name, company (if applicable), address, phone number, certification information (if applicable), date and signature.
2. The person who is assuming responsibility for the project being built to comply with Title 24, Part 6, will complete the fields for their name, company (if applicable), address, phone number, license number (if applicable), date and signature.