



CERTIFICATE OF COMPLIANCE	NRCC-PRC-10-E
Compressed Air System	(Page 1 of 3)
Project Name:	Date Prepared:

A. General Information	
Phase of Construction:	<input type="checkbox"/> New Construction <input type="checkbox"/> Addition/Alteration
Total System Horsepower:	Proposed: _____ hp Current: _____ hp (if applicable)
<ul style="list-style-type: none"> • If in Addition/Alteration phase of construction and proposed total system horsepower is ≤ 1.5 multiplied by the current total system horsepower, system is exempt from Trim Compressor and Storage requirement (§120.6(e)1). • If in Addition/Alteration phase of construction and system includes one or more centrifugal compressors, system is exempt from Title 24 requirements (§120.6(e)). • If proposed total system horsepower is < 25 hp, system is exempt from Title 24 requirements (§120.6(e)). 	
Is the system expected to have a steady load (typical air demand fluctuates less than 10 percent)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Note: If Yes, system must be approved by the Energy Commission Executive Director.)</i>
Is the system a single compressor system?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Note: If Yes, system is exempt from Controls requirement (§120.6(e)2).)</i>

B. Trim Compressor and Storage Requirements								
Fill out the following sections to ensure compliance with Trim Compressor and Storage requirement (§120.6(e)1).								
System Specifications Table								
Total Online System Capacity (acfm):					Operating Pressure (psi):			
Compressor Specifications:								
Compressor	Size (hp)	Rated Capacity (acfm)	Control Type (check one or fill-in for 'Other')					Acting as Trim Compressor?
			Fixed Speed	Variable Displacement	Variable Speed	Centrifugal	Other	
1								Y / N
2								Y / N
3								Y / N
4								Y / N
5								Y / N
6								Y / N
7								Y / N
8								Y / N
9								Y / N
10								Y / N
If number of compressors exceeds 10, please list the additional compressors with specifications in the following Notes section.								
Notes:								
Largest Net Capacity Increment: acfm					<i>(Note: This calculation is detailed in the compliance manual section 10.8, where the largest net capacity increment is the largest step in capacity between ordered combinations of base compressors.)</i>			



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	Results	
Do all of the trim compressors have the control type Variable Speed?		
<input type="checkbox"/> Yes	If Yes, calculate the total rated capacity of the trim compressor(s), Total Rated Capacity of Trim Compressor(s): acfm Is the total rated capacity of the trim compressor(s) greater than or equal to 1.25 multiplied by the largest net capacity increment?	Y / N
	Storage Capacity: gallons Is the storage capacity greater than or equal to 1 gallons/acfm multiplied by the total rated capacity of the trim compressor(s)?	Y / N
	If No, calculate the effective trim capacity of the trim compressor(s).	
<input type="checkbox"/> No	Effective Trim Capacity: acfm Is the total effective trim capacity greater than or equal to the largest net capacity increment? <i>(Note: This calculation is detailed in the compliance manual, section 10.8)</i>	Y / N
	Storage Capacity: gallons Is the storage capacity greater than or equal to 2 gallons/acfm multiplied by the total rated capacity of the trim compressor(s)?	Y / N

C. Controls Requirement		
<i>Multicompressor systems must perform and document the acceptance test noted below to prove compliance with the Controls requirement (§120.6(e)2). This test is described in the Nonresidential Appendices, NA7.13.</i>		
Equipment Requiring Testing or Verification	# of units	NRCA-PRC-01-A
		☐
		☐
		☐



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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California:	
<ol style="list-style-type: none"> 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer). 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. 	
Responsible Designer Name:	Responsible Designer Signature:
Company :	Date Signed:
Address:	License:
City/State/Zip:	Phone: