

| Certificate of Compliance | | (Page 1 of 3) RWH-1C |
|---|----------------------------------|-----------------------------|
| Project Name: | Climate Zone: | Conditioned Floor Area: |
| Project Address: | | Date: |
| General Information | | |
| Building Type: <input type="checkbox"/> Refrigerated Warehouse $\geq 3,000 \text{ ft}^2$ <input type="checkbox"/> Refrigerated Warehouse $< 3,000 \text{ ft}^2$ <i>(Note: If the Refrigerated Warehouse space is $< 3,000 \text{ ft}^2$ than it must meet Appliance Efficiency Regulations (Title 20) for walk-in refrigerators/freezers)</i> | | |
| <input type="checkbox"/> Areas within refrigerated Warehouses: quick chill/freeze space with design cooling capacity $> 240 \text{ Btu/hr-ft}^2$ (2 tons/100 ft^2) <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Note: If yes, then the areas within refrigerated warehouse that are designed solely for the purpose of quick chilling or freeze with design cooling capacity of $> 240 \text{ Btu/hr-ft}^2$ (2 tons/100 ft^2) need not to comply.</i> | | |
| Phase of Construction: <input type="checkbox"/> New Construction <input type="checkbox"/> Addition <input type="checkbox"/> Alteration | | |
| Documentation Author's Declaration Statement | | |
| <ul style="list-style-type: none"> • I certify that this Certificate of Compliance documentation is accurate and complete. | | |
| Name: | Signature: | |
| Company: | Date: | |
| Address: | If applicable CEA # CEPE # | |
| City/State/Zip: | Phone: | |
| Principal Refrigerated Warehouse Designer's Declaration Statement | | |
| <ul style="list-style-type: none"> • I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the refrigerated warehouse design. • This Certificate of Compliance identifies the mandatory envelope refrigerated warehouse specifications required for compliance with Title 24, Parts 1 and 6 of the California Code of Regulations. • The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, plans and specifications submitted to the enforcement agency for approval with this building permit application. | | |
| Name: | Signature: | |
| Company: | Date: | |
| Address: | License # | |
| City/State/Zip: | Phone: | |
| Refrigerated Warehouse Mandatory Measures | | |
| <i>Indicate location on building plans of Mandatory Refrigerated Warehouse Measures, See page 3 of 3.</i> | | |

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Project Name:

Date:

ENVELOPE REQUIREMENTS

Insulation Details

| Page No. on Plans | SPACE ¹ | | Assembly Type (Wall, Roof/Ceiling, Floor) | Installed Insulation R-value (°F·ft ² ·hr/Btu) | Minimum Required Insulation R-Value ² (°F·ft ² ·hr/Btu) | ASSEMBLY COMPLIANCE ³ | |
|-------------------|--------------------------|--------------------------|---|--|---|-------------------------------------|--------------------------|
| | Cold Storage | Frozen Storage | | | | PASS | FAIL |
| | <input type="checkbox"/> | <input type="checkbox"/> | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> | <input type="checkbox"/> | | | | <input type="checkbox"/> | <input type="checkbox"/> |
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Documentation Author Footnotes:
 1. Indicate the type of storage space.
 2. This value can be obtained from §126, Table 126-A.
 3. Does the installed insulation R-value comply with the mandatory insulation requirements of §126, Table 126 required R-value?

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Project Name:

Date:

REFRIGERATION SYSTEM REQUIREMENTS

| MANDATORY MEASURES | T-24 Sections | <i>Indicate Page Reference on Plans or Schedule and indicate the applicable exception(s)</i> | | |
|---|------------------------|--|--|--|
| Evaporator ID or tags (e.g. Evap-1) | | | | |
| Evaporators: electronically commutated (brushless DC) motor on all single phase fan motors <1 hp and <460 V. | § 126(c)1 | | | |
| Evaporators: Continuously variable speed fans, controlled in response to space conditions. | § 126(c)2 | | | |
| Exempted constant speed evaporator fans served by single compressor with no unloading capability | EXCEPTION § 126(c)2 | | | |
| ID of single compressor serving exempted evaporators | EXCEPTION § 126(c)2 | | | |
| Compressor ID or tags (e.g. Comp-1) | | | | |
| Compressors shall be designed to operate at a minimum condensing temperature of 70°F or less | § 126(e)1 | | | |
| Single screw compressor > 50 hp serving a suction group: variable compressor speed in response to the refrigeration load. | § 126(e)2 | | | |
| Single screw compressor > 50 hp serving a suction group: compressor input power ≤ 60% of full load input power when operated at 50% of full refrigeration capacity. Attach manufacturer's perform. data to form. | § 126(e)2 Alternate | | | |
| Condenser ID or tags (e.g. Cond-1) | | | | |
| Condensers: Evaporatively cooled condensers required for ammonia based systems | § 126(d)1 | | | |
| Condenser fan speed control: Continuously variable speed fans. Fan speed controlled in unison for all fans serving common condenser loop. Min. condensing temperature setpoint shall be less than or equal to 70°F or reset based on air temperature or system load. Identify page number on plans for condenser fan control sequence of operation or attach to form. | § 126(d)4, 5 | | | |
| Single phase condenser motors <1 hp and <460 V either permanent split capacitor or electronically commutated (brushless DC) motors | § 126(d)6 | | | |
| Evaporative condenser (Y/N) Fill out next 4 rows if Y | § 126(d)2 | | | |
| Design wetbulb temperature | | | | |
| Installed condenser: condensing temperature under design conditions (°F) Page number on plans or schedule indicating condensing temperature | | | | |
| Maximum allowed condensing temperature under design conditions (wb ≤ 76° Tc = wb + 20°, 76° < wb ≤ 78° Tc = wb + 19°, wb > 78° Tc = wb + 18°) | § 126(d)2 | | | |
| Is installed condensing temperature ≤ maximum allowed condensing temperature? If Yes enter PASS, If No enter FAIL | | | | |
| Air-cooled condenser (Y/N) Fill out next 6 rows if Y | § 126(d)3 | | | |
| Unitary Condensing units? If yes then it is exempt. Skip 4 rows. | Exception § 126(d)3 | | | |
| Design drybulb temperature (° F) | | | | |
| Is condenser serving cold or frozen? (if both list frozen) | | | | |
| Installed condenser: condensing temperature under design conditions (° F) | | | | |
| Maximum allowed condensing temperature under design conditions (frozen = db + 10°, cold = db + 15°) | | | | |
| Page number on plans or schedule indicating condensing temperature | | | | |
| Is exempt as unitary condenser or is installed condensing temperature ≤ maximum allowed condensing temperature? If Yes enter PASS otherwise enter FAIL | | | | |