INSTALLATION CERTIFICATE		CF-6R-MECH-25-HERS
Site Address:	Enforcement Agency:	Permit Number:
1234 Anywhere Street	City of Ripon	2011-Test

Note: If installation of a Charge Indicator Display (CID) is utilized as an alternative to refrigerant charge verification for compliance, a MECH-24 Certificate (instead of this MECH-25 Certificate) should be used to demonstrate compliance with the refrigerant charge verification requirement. TMAH and STMS are not required for compliance, when a CID is utilized for compliance.
As many as 4 systems in the dwelling can be documented for compliance using this form. Attach an additional form(s) for any additional systems in the dwelling as applicable.

Temperature Measurement Access Holes (TMAH) and Saturation Temperature Measurement Sensors (STMS)

Procedures for installing TMAH are specified in Reference Residential Appendix RA3.2. If refrigerant charge verification is required for compliance, TMAH are also required for compliance. STMS are only required for completely new or replacement space-conditioning systems that utilize prescriptive compliance method.

TMAH - Access Holes in Supply and Return Plenums of Air Handler

System Name or Identification/Tag	1	XML - C240
System Location or Area Served	Area Served	XML - C241

XML - C242	1	(•) Yes ( ) No	5/16 inch (8 mm) access hole upstream of evaporative coil in the return plenum and labeled according to Figure in Section RA3.2.2.2.2.
XML - C243	2	(•) Yes ( ) No	5/16 inch (8 mm) access hole downstream of evaporative coil in the supply plenum and labeled according to Figure in Section RA3.2.2.2.2.

Yes to 1 and 2 a pass, enter Pass or Fail: (•) Pass ( ) Fail — XML - C244

STMS - Sensor on the Evaporator Coil

System Name or Identification/Tag	1	XML - C245

XML - C246	1	( ) Yes ( ) No	The sensor is factory installed, or field installed according to manufacturer's specifications, or is installed by methods/specifications approved by the Executive Director.
XML - C247	2	( ) Yes ( ) No	The sensor wire is terminated with a standard mini plug suitable for connection to a digital thermometer. The sensor mini plug is accessible to the installing technician and the HERS rater without changing the airflow through the condenser coil
XML - C248	3	( ) Yes ( ) No	The sensor measures the saturation temperature of the coil within 1.3 degrees F

Yes to 3, 4, and 5 is a pass. Enter N/A if STMS are not applicable. Otherwise enter Pass or Fail (•) N/A ( ) Pass ( ) Fail — XML - C249

STMS - Sensor on the Condenser Coil

System Name or Identification/Tag	1	XML - C250

XML - C251	6	( ) Yes ( ) No	The sensor is factory installed, or field installed according to manufacturer's specifications, or is installed by methods/specifications approved by the Executive Director.
XML - C252	7	( ) Yes ( ) No	The sensor wire is terminated with a standard mini plug suitable for connection to a digital thermometer. The sensor mini plug is accessible to the installing technician and the HERS rater without changing the airflow through the condenser coil
XML - C253	8	( ) Yes ( ) No	The sensor measures the saturation temperature of the coil within 1.3 degrees F

Yes to 6, 7, and 8 is a pass. Enter N/A if STMS are not applicable. Otherwise enter Pass or Fail (•) N/A ( ) Pass ( ) Fail — XML - C254

Standard Charge Measurement Procedure (for use if outdoor air dry-bulb is above 55°F)

Procedures for determining Refrigerant Charge using the Standard Charge Measurement Procedure are available in Reference Residential Appendix RA3.2. As many as 4 systems in the dwelling can be documented for compliance using this form. Attach an additional form(s) for any additional systems in the dwelling as applicable.

- The system should be installed and charged in accordance with the manufacturer's specifications before starting this procedure.
- The system must meet minimum airflow requirements as prerequisite for a valid refrigerant charge test.
- If outdoor air dry-bulb is 55°F or below, the installer must use the Alternate Charge Measurement Procedure.