



**FORM ACCL-FA1  
ACCL APPLICATION FOR TEST STAND APPROVAL**

**AHRI CERTIFICATION PROGRAM FOR  
AIR-COOLED WATER-CHILLING PACKAGES**

We, the undersigned, hereby request AHRI to approve our test stand for the purpose of conducting performance certification tests in accordance with the AHRI Certification Program for Air-Cooled Water-Chilling Packages Using the Vapor Compression Cycle (ACCL). All testing will be conducted in accordance with the latest edition of AHRI Standard 550/590 (I-P), AHRI Standard 551/591 (SI) or EN Standards 14511 and 14825 and witnessed by the Independent Third-Party Laboratory contracted by AHRI.

Test Facility Name (Site or Building): \_\_\_\_\_

Test Facility Address: \_\_\_\_\_

Test Stand Name (Unique Identifier): \_\_\_\_\_

Indicate one of the three Approval Categories below, and submit the applicable Forms and documentation:

Category: \_\_\_\_\_

**APPROVAL CATEGORIES**

Requirements	Category 1	Category 2	Category 3
Form ACCL-FA1 Application	■	■	■
Form ACCL-FA2 Personnel Experience Questionnaire	■		■
Form ACCL-FA3 Test Stand and Equipment Questionnaire	■	■	
Form ACCL-FA4 Calibration Summary	■		
Copy of each calibration report showing last dates of calibration	■	■	■
AHRI System Calibration Worksheet (Available on AHRI Website)	■	■	
Schematic drawing of the area of the test stand in which AHRI certification testing will be performed	■		■
Drawings of Air Sampling Tree ( <i>see Figure E1 of AHRI Standard 550/590 (I-P) or AHRI Standard 551/591 (SI), for an example</i> )	■		
Schematic drawing or photographs of placement of Air Sampling Trees for each condenser coil configuration to be tested, with consideration to the range of sizes to be tested	■		■
Photographs of the test stand in which AHRI certification testing will take place ( <i>which shall include sufficient views to show the location and connection of each instrument as well as the location and connection of the ports to be used by the Laboratory during witness testing</i> )	■		■
DS2 Test Stand Inspection Workbook	■	■	■

("■" indicates the item is required for the category)

Category Descriptions:

Category 1 = Test Stand Approval (to be compliant with the latest edition of AHRI Standard 550/590 (I-P) or AHRI Standard 551/591 (SI)). This includes the initial approval, approval after expiration of an approval, and approval after physical and/or operational changes are made which impact results of a previous Category 1 approval.

Category 2 = Approval of revised capacity limits on the Test Stand with a current Category 1 Approval. An approval in this category does not modify the expiration date of the Category 1 approval.

Category 3 = Test Stand Approval (to be compliant with the latest edition of EN Standards 14511 and 14825). This includes the initial approval, approval after expiration of an approval, and approval after physical and/or operational changes are made which impact results of a previous Category 3 approval.

Accompanying this request is the following information:

1. Form ACCL-FA2, Personnel Experience Questionnaire;
2. Form ACCL-FA3, Test Stand and Equipment Questionnaire;
3. Form ACCL-FA4, Calibration Summary;
4. A completed AHRI Standard 550/590 & 551/591 System Calibration Worksheet (found online at [www.ahrinet.org](http://www.ahrinet.org)) with a copy of each calibration report showing date of last calibration;
5. A schematic drawing of the area of the test stand in which AHRI certification testing will be performed;
6. Drawings of Air Sampling Tree (see Figure E1 of AHRI Standard 550/590 (I-P) or AHRI Standard 551/591 (SI), for an example);
7. Schematic drawing or photographs of placement of Air Sampling Trees for each condenser coil configuration to be tested, with consideration to the range of sizes to be tested; and
8. Photographs of the Test Stand in which AHRI certification testing will take place (which shall include sufficient views to show the location and connection of each instrument as well as the location and connection of the ports to be used by the Laboratory during witness testing).

In signing this form and submitting all information requested above, we acknowledge that the Test Stand is in conformance with all of the provisions of the latest edition of AHRI Standard 550/590 (I-P), AHRI Standard 551/591 (SI) or EN Standards 14511 and 14825.

\_\_\_\_\_  
Signature of Certification Program Compliance Officer

\_\_\_\_\_  
Signature of Chief Engineer or Test Stand Director

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title and Company

\_\_\_\_\_  
Title and Company

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Final approval of this test stand to conduct witness testing in support of the AHRI Certification Program for Air-Cooled Water-Chilling Packages Using the Vapor Compression Cycle is contingent upon AHRI's approval of the information provided and satisfactory completion of a test stand and equipment inspection. AHRI will notify the Participant, in writing, when final approval of the test stand to conduct witness testing has been granted. Final approval must be received before any AHRI certification tests, including program qualification tests, can be conducted in the test stand.