Witness Testing Application Package

AHRI PROGRAM FOR
PERFORMANCE CERTIFICATION OF INDIRECT WATER HEATERS

Form IWH-WT1, Application for Witness Testing

We, the undersigned, hereby request AHRI to approve the test facility, located at (state exact address): _______

for the purpose of conducting performance certification tests in accordance with the AHRI Program for Performance Certification of Indirect Water Heaters. All testing will be conducted in accordance with the applicable rating standard and witnessed by the Independent third-party laboratory contracted by AHRI.

Accompanying this request is the following information:

a. Form IWH-WT2, Personnel Experience Questionnaire;
b. Form IWH-WT3, Facility and Equipment Questionnaire;
c. A complete list of all instruments and equipment being used to perform certification testing in accordance with the applicable rating standard and a copy of each calibration report showing date of last calibration;
d. A schematic drawing of the area of the test facility in which certification testing will be performed; and
e. Photographs of the test facility in which certification testing will take place, which shall include sufficient views to show the location and connection of each instrument.

In signing this form and submitting all information requested above, we acknowledge that the test facility is in conformance with all of the provisions of the latest edition of the applicable rating standard.

_________________________________________  _______________________________________
Company  Signature of Certification Program Compliance Officer  Signature of Chief Engineer or Test Facility Director

_________________________________________  _______________________________________
Printed Name  Printed Name

_________________________________________  _______________________________________
Title  Title

_________________________________________  _______________________________________
Date  Date

Final approval of this test facility to conduct witness testing in support of the AHRI Program for Performance Certification of Indirect Water Heaters is contingent upon AHRI’s approval of the information provided and satisfactory completion of a facility and equipment inspection. AHRI will notify the participant, in writing, when final approval of the test facility to conduct witness testing has been granted. Final approval must be received before any certification tests, including program qualification tests, can be conducted in the test facility.
AHRI PROGRAM FOR
PERFORMANCE CERTIFICATION OF INDIRECT WATER HEATERS

Form IWH-WT2, Personnel Experience Questionnaire

-CONFIDENTIAL-

Company (Participant) Name

Test Facility Address

The following personnel are directly responsible for conducting the testing that will be witnessed at the participant’s designated test facility in accordance with the AHRI Program for Performance Certification of Indirect Water Heaters:

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Submitted By:

__________________________  ____________________________
Signature                  Title

__________________________  ____________________________
Printed Name               Date
AHRI PROGRAM FOR
PERFORMANCE CERTIFICATION OF INDIRECT WATER HEATERS

Form IWH-WT3, Facility and Equipment Questionnaire

-CONFIDENTIAL-

Participant's Company Name: ________________________________

Location: ____________________________________________

1. What is the operating range of this facility?
   (a) Capacity, BTU/HR Minimum __________ Maximum __________

2. How long does it take for you to install a unit for test (fully instrumented)?
   Man-Hours _______ Persons _______ Hours _______

3. How long does it take you to conduct a complete test series, start to finish, including calculations?
   Man-Hours _______ Persons _______ Hours _______

4. How many shifts per day will you employ for the AHRI witness testing? _______

5. What type of equipment do you use for measuring water temperatures?
   Describe ____________________________________________
   Frequency instrument is calibrated? __________________________
   Is the primary standard traceable to NIST? ____________________

6. What type of equipment do you use for measuring air temperatures?
   Describe ____________________________________________
   Frequency instrument is calibrated? __________________________
   Is the primary standard traceable to NIST? ____________________

7. Type of water flow measuring instruments do you use?
   (a) Turbine meters ________________________________
   (b) Coriolis meters ________________________________
   (c) Other types of meters __________________________
   (d) Scale _______________________________________
   Frequency instrument is calibrated? ___________
   Is the primary standard traceable to NIST? ___________
8. Type of equipment used for measure water pressure?
   a. Pressure Gage
      Frequency instrument is calibrated? __________
      Is the primary standard traceable to NIST? __________
   b. Manometer
      Frequency instrument is calibrated? __________
      Is the primary standard traceable to NIST? __________

9. Type of scale used to weigh indirect water heaters?
   Frequency instrument is calibrated? __________
   Is the primary standard traceable to NIST? __________

10. Describe data acquisition system and data obtained.
    ____________________________________________
    ____________________________________________
    ____________________________________________
    ____________________________________________

Complied by: ____________________________ Date: ________________