

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.

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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:

Primary Contact

Alternate Contact

Name

Name

Title

Title

Area of Responsibility for Certification Testing:

Area of Responsibility for Certification Testing:

Submitted By:

Signature

Title

Printed Name

Date

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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)?

	Persons	Hours
Man-Hours	_____	_____

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

	Persons	Hours
Man-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: _____