



Solar Thermal Product Testing Agreement

Version 20120725

Contact Information

Contact Name: _____	E-mail Address: _____
Contact Title: _____	Telephone Number: _____
Company Name: _____	Model Number: _____

Tests Requested

Solar Thermal Collector Tests:

Specify Collector Type: Glazed Unglazed Evacuated Tube Other: _____

FSEC Collector Quality Tests (Standard 102-10, sections 5.0 - 5.7 & 5.12) FSEC Collector Performance Tests (Standard 102-10, sections 5.9 - 5.11)

Solar Thermal Component Tests:

FSEC Thermosiphon Tests (Standard 105-10, section 9.0)

FSEC Heat Exchanger Tests (Standard 105-10, section 11.0)

FSEC ICS System Tests (Standard 105-10, section 9.0)

FSEC PV Pump Tests (Standard 105-10, section 12.0)

FSEC Storage Tank Tests (Standard 105-10, section 10.0)

Other: _____

Other Test (Please Specify): _____

1.0 Purpose

This is an agreement between the Florida Solar Energy Center (FSEC) and a manufacturer or distributor (herein called the seller) for testing a solar thermal product for certification according to the methods described in [FSEC Standard 102-10](#) and SRCC Standard 100 or [FSEC Standard 105-10](#) and SRCC Standard TM-1 and for the payment of testing fees.

2.0 Agreement By Seller

In consideration for solar thermal product testing services by FSEC, the seller agrees to:

2.1 Recognize that results of tests performed under this program are considered to be in the public domain.

2.2 Submit all required documentation in PDF format via e-mail to thermal@fsec.ucf.edu including the information requested on and the additional documentation specified in the [Application for Solar Thermal Product Testing](#).

2.3 Pay the testing fee(s) within 30 days of invoice receipt. FSEC will invoice the client prior to the scheduled start of the test. The test fee will be the amount posted on the [Fee Schedule for Solar Thermal Testing and Certification](#) the day the invoice is generated. Payment instructions including acceptable payment methods will be included with every invoice. Seller is responsible for all fees associated with a payment method.

2.4 Deliver the randomly selected solar thermal product(s) to FSEC, 1679 Clearlake Road, Cocoa, Florida, during normal working hours around the pre-arranged date. Delivery is at the seller's expense. The delivery date will be mutually agreed upon between the seller and FSEC.

If shipping from overseas, the seller must have a US contact to clear customs for the shipment. No one at FSEC is permitted to sign Customs Power of Attorney. Not having the customs clearing agent set up in advance or as part of the delivery sequence is a MAJOR barrier to having FSEC receive the product.

2.5 Provide a replacement product for tests if damage or defects are found which hinder testing or influence the test results. If the damage is caused by actions of FSEC staff, the cost of furnishing the replacement component will be negotiable between the seller and FSEC but in no case will the FSEC liability exceed the manufacturing cost of the component or \$900 whichever is less.

2.6 Acknowledge that the solar thermal product submitted for testing will be not be returned and will be disposed of by FSEC. The products are deemed unusable after the disassembly and final inspection test procedure.

2.7 Acknowledge that, although the intent is to test to the standard method, deviation from the method may occur. Any deviation from the method will be documented in the test report.

2.8 Provide [additional required documentation](#) and certification fees if requesting certification.



3.0 Agreement By FSEC

In consideration for payment of the testing fees according to the [Fee Schedule for Solar Thermal Testing and Certification](#) by the seller, FSEC agrees to:

- 3.1 Provide the random selection process as required by the certification bodies for selecting a specific product for testing.
- 3.2 Provide a delivery date to the seller for the solar thermal product being tested.
- 3.3 Notify the seller of the approximate schedule for testing the product and conduct the test as expeditiously as possible. FSEC performs outdoor performance testing so the time required can vary widely. (The testing time for the quality test is approximately 50 days. The testing time for the performance test can be as little as 10 days and as long as 3 or more months.)
- 3.4 Promptly report damage or defects detected in solar thermal products received for testing. FSEC is not responsible for damaged goods received. It is recommended that the seller package products properly and purchase insurance from their carrier for shipping.
- 3.5 Perform the requested tests according to the applicable method described in [FSEC Standard 102-10](#) and SRCC Standard 100 or [FSEC Standard 105-10](#) and SRCC Standard TM-1. When deviations from the standard occur, they will be documented in the test report.
- 3.6 Notify the seller of product damage that occurs during the testing sequence. FSEC is not responsible for damage caused due to the test sequence. Products damaged during testing as a result of FSEC staff negligence or equipment malfunction is limited to the product manufacturing cost, not to exceed \$900. FSEC will provide the final determination in questions of responsibility for damage and will not be responsible for damage caused by vandalism or acts of God.
- 3.7 Schedule a repaired or replaced product as the next to be tested following any tests already underway if a damaged product cannot be tested on schedule. The repair or replacement decision will be made by FSEC with discussions with the certification body to ensure a completed test would qualify for certification review.
- 3.8 Promptly report to the seller any failure of the solar thermal product to meet the requirements of the testing standards. FSEC does not investigate or report the failure modes associated the failure.
- 3.9 Provide an electronic test report to the customer. Questions on test results will be answered by FSEC.
- 3.10 Dispose of the solar thermal products when the tests are completed.

Acceptance

I have read, understood, and will abide by the above Solar Thermal Product Testing Agreement

Receiving this agreement via e-mail from the sender's specified e-mail account and receipt of payment by FSEC for services invoiced is equivalent to acknowledging you have read and understood this Solar Thermal Product Testing Agreement.

Signature: _____ Date: _____

Printed Name: _____

Completed agreement must be submitted in PDF format to:
thermal@fsec.ucf.edu