
**CHECKLIST #0470 FOR THE APPROVAL OF:
SOLAR HEATER**

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
 - a) Plumbing diagram,
 - b) Method of installation which should match the testing installation,
 - c) Specifications and size of materials used, and
 - d) Anchorage method to the structure, according to test and calculations.
- Manufacturer's installation instruction manual.
- Design calculations for the structural frame supporting the collector and the anchorage of the frame to the roof system.
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol TAS 301.

- Tests performed by a testing laboratory approved by the National Bureau of Standards and this office, using ASHRAE Standard 93/ANSI B198.1 to determine the Thermal Performance of the Solar Collector.
- Uplift load test per TAS202 on the collector (attach collector as it will be used). See note 1.

Notes:

1. One specimen of each model, a minimum of three specimens shall be tested and they shall be rated for the lowest pressure. Minimum design pressure for approval is 41 psf.
2. Collector shall be tested, approved and installed with the same number, location and type of anchors & fasteners.
3. The design pressure shall be determined dividing the test pressure by 2.