

Solar Water Heating Permit Package

- 1. Application Form**
- 2. Plot plan**
 - a. Identify collector location on roof and Balance of Systems below
- 3. One-line plumbing sketch**
 - a. SRCC OG-300 system schematic (www.solar-rating.org/ratings), or
 - b. Installation Manual schematic
- 4. Roof penetration and mounting details**
- 5. Roof loading estimate (pounds/sq ft)**
 - a. If the storage tank is on the roof, then structural calculations are needed for the specific roof type.
- 6. Roof structure reinforcement details (if applicable)**
- 7. Brand and specific type of heat transfer fluid (if applicable)**
 - a. If any fluid other than water is used as a heat transfer fluid, include:
 - i. Name
 - ii. Manufacturer's instructions
 - iii. Material Safety Data Sheet (MSDS)
 - iv. Show manufacturer's statement of toxicity
 - v. Location of warning labels for glycol inputs on system
 - b. Note: Refer to IAPMO Uniform Solar Energy Code 2009 for heat exchanger wall requirement
- 8. Scald Protection Method**
 - a. Include brand and model of anti-scald valve, or
 - b. End use fixture valves
 - c. Note: Code officials will need to decide whether ASSE-certified anti-scald valves should be required.
- 9. Permit Payment**

***Please refer to CCSE's spreadsheet "San Diego Permitting Jurisdictions - Solar Water Heating Information" for specific information on each jurisdiction's requirements. It is highly recommended that you contact the jurisdiction prior to submitting a permit request to ensure you have the proper documentation.**