



City of Palm Desert Department of Building and Safety

Solar Domestic Water Heating – Standard Plan for One- and Two-Family Dwellings

SCOPE: Use this plan ONLY for solar domestic water heating systems not exceeding a thermal output rating of 30 kWth on the roof of a one- or two-family dwelling or accessory structure and used for domestic water heating. Systems must be in compliance with current California Building Standards Code, Title 24 and local amendments of the authority having jurisdiction (AHJ). Other articles of the California Plumbing Code (CPC) or California Mechanical Code (CMC) or other California health and safety codes shall apply.

MANUFACTURER'S SPECIFICATION SHEETS MUST BE PROVIDED for proposed collector, controller, pump, storage tank/heat exchanger/ heat transfer fluid (if applicable) and mounting systems. Equipment intended for use with SWH system shall be identified and listed for the application.

Job Address: _____ Permit #: _____

Contractor/Engineer Name: _____

License # and Class: _____

Signature: _____ Date: _____

Phone Number: _____

Total # of Collectors installed: _____ Total Area of Collectors: _____

Collector Certification Number (include certifying agency) _____

System Certification Number (include certifying agency) _____

Max. Height Above Roof: _____ Height Above Ground: _____

Major Components for DWH Systems):

Solar Tank Make/Model: _____

Gallons: _____ Insulation R- _____ Pressurized? Y N

Heat Exchanger Make/Model: _____

Number of walls: _____ Type of Heat Exchange Fluid? _____

Solar Control Make/Model: _____

Solar Pump/Circulator Make/Model: _____

Expansion Tank Make/Model: _____

Appropriately Sized for Use (Justify)? Y N

Mounting Hardware Make/Model or Type: _____

Does all the above data match substantially the data used for certification? Y N