

Service Water Heating Compliance Documentation

Project Name:		
Project Address:		Date:
Designer of Record:	Email:	Telephone:
Contact Person:	Email:	Telephone:
City:		

Mandatory Provisions Checklist

- Load calculations have been provided for sizing of systems and equipment (7.4.1).
- Equipment efficiencies meet or exceed the requirements of Table 7.8 (7.4.2).
- Circulating systems are fully insulated (per Table 6.8.3) and have automatic pump controls (7.4.3 and 7.4.4.2).
- Non-circulating systems have insulated heat traps and outlet piping insulated (per Table 6.8.3) for 8 ft (2.44 m) from the storage tank (7.4.6).
- Tanks with remote heaters have circulation pump controls (7.4.4.4).
- All water heating systems have temperature controls that are adjustable down to 120°F (48.9°C) or lower (7.4.4.1).
- Systems designed with pipe heating systems such as heat trace have temperature or time controls (7.4.4.2).
- Public lavatories have outlet temperature controls that limit the discharge temperature to 110°F (43.3°C) (7.4.4.3).
- Pool heaters have readily accessible controls and gas-fired heaters do not have standing pilot lights (7.4.5.1).
- Heated swimming pools have vapor retardant covers (7.4.5.2).
- Pool heaters and circulation pumps have time switches (7.4.5.3).

Equipment Efficiency Worksheet (7.4.1)

System Tag	Equipment Type (From Table 7.8)	Sub-Category or Rating Condition (From Table 7.8)	Input Rating (Btu/h or kW)	Volume (gal or l)	Energy Factor or Et Rated ≥ Required	Standby Loss Specified ≤ Nameplate
					≥	≤
					≥	≤
					≥	≤
					≥	≤

Combination Space and Water Heating Worksheet (7.5.1)

System Tag	Standby Loss Method	or Energy Use Exception (attach calculations)	or Size Exception
	Equipment ≤ Requirement	Equipment < Requirement	Equipment < Requirement
	≤	<	< 150,000 Btu/h (44 kW)
	≤	<	< 150,000 Btu/h (44 kW)
	≤	<	< 150,000 Btu/h (44 kW)
	≤	<	< 150,000 Btu/h (44 kW)