

Service Water Heating Compliance Documentation

Project Name:	
Project Address:	Date:
Designer of Record:	Telephone:
Contact Person:	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 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 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 (§ 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)	Energy Factor or Et		Standby Loss	
					Rated	≥ Required	Rated	≤ Required
						≥		≤
						≥		≤
						≥		≤
						≥		≤

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
		≤		<		< 150,000 Btu/h
		≤		<		< 150,000 Btu/h
		≤		<		< 150,000 Btu/h

