WATER HEATER WORKSHEET

Purpose: To determine the recovery rate in gallons per hour (GPH) and power rating in BTUs or KW (kilowatts) Fill in _____

(A) **Plumbing Fixture**	**# of Compartments**			**GPH**
Utensil (pot/pan) sink	_____	x 25	=	_____
Handwash sink (include restroom)	_____	x 5	=	_____
Bar sink	_____	x 10	=	_____
Prep. sink	_____	x 10	=	_____
Mop sink	_____	x 10	=	_____
Pre-wash sprayer (number of units)	_____	x 45	=	_____
Waste enclosure	_____	x 15	=	_____

(B) Add the numbers in the GPH column of step (A) to get total = _____ GPH

(C) Multiply result of step (B) by:

.6 (busy restaurant; multi-use utensils) _____

or
.4 (lower usage situation; e.g.: deli) _____

or
.2 (market) _____

(D) Obtain dishwasher hot water usage from manufacturer_____ GPH
***Dishwasher (Manufacturer's Specs.)** **Gal. x Cycles = Gal.**
Cycle Hr. Hr.

Multiply it by 75% (or less depending on anticipated use) = _____ GPH

(E) Add the results of step (C) and (D), giving RECOVERY RATE = _____ GPH

(F) To get the required water heater POWER RATING, multiply the result

of step (E) by:

660 (if gas) =_____ BTU

or

.15 (if electric) =_____ KW