

Water Boil Experiment

Meets ASE Task: Not specified

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 4, 3, 2, 1) : _____

1. Experiment: Can water be made to boil in a paper cup? Explain why or why not.

2. Place water in a paper cup half full of water, place it on a grill for support, and place a thermometer in the water.

3. Use a propane torch to heat the bottom of the cup. Will the paper cup burn? Explain why or why not?

4. Was the heat from the torch able to boil the water?

5. Explain why it took a long time to boil after reaching 212°F.

