

## Procedure #1

- 1) Under the condition column write "**Normal Conditions.**"
- 2) With your group(s) look at the radiometer for a few moments. What is happening to the flags? If the flags are still, how do you think they might be able to move? Record your observations under the **Observations** column (row 1).
- 3) Carefully examine it. Can you figure out what might make the flags move or stop moving? If you have any ideas about what makes the flags move, record those in the **Causes** column.

Row #1

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- 1) Now you will observe the radiometer as it is placed on a table and a flashlight is held about 1 m from it. --Record these conditions under conditions column.

Row #2

- 2) Shine the light for 1 minute on the radiometer's flags. Again, observe carefully and look for any changes in the radiometer that might be indicators of energy use.
- 3) Record your observations in observation column.
- 4) Also, record the causes!

Row #3

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- 1) Observe the flashlight when it is turned off. Observe the radiometer carefully. Record in the Conditions column that the light was turned off, and record your observations in the Observations column. Causes?