

**Certification: Commercial Energy Plans Examiner with ASHARE 90.1**

**Exam ID: EB**

- 70 multiple-choice questions
- 3 1/2-hour limit
- Open book

**Sample Examination Questions:** The sample questions are provided to give you an idea of the style and format of examination questions. The questions are not intended to represent content, reference, or questions that will be on the examination. They are not intended nor should they be referenced or used as a study tool for the examination.

1. Fenestration includes all of the following, **except** \_\_\_\_\_.
- A. glass block
  - B. curtain wall
  - C. air intake louvers
  - D. rollup warehouse doors

Answer C; Reference 09 IECC 202

2. A retail store with 12 foot walls is 100 feet wide by 50 feet deep. The street side has three 28' by 8' widows, and two 6" by 6'-8" glass doors. The other wall do not have any glazed fenestration. The twenty roof has 4' by 4' skylights.

Is this project eligible to use the prescriptive compliance option?

- A. Yes
- B. No, the skylight area is too large.
- C. No, the vertical fenestration is too large.
- D. No, both the vertical fenestration and the skylight areas are too large.

Answer B; Reference 09 IECC 502.3.1 and Table 503.2.

3. An office space has the following lighting:

12 fixtures with two 32-watt T-8 lamps and electronic ballasts rated by the manufacturer at 60 watts per fixture.

2 fixtures with 60 watt incandescent lamps screwed into fixtures with a maximum labeled wattage of 150 watts each.

2 fixtures with 13 watt compact fluorescent lamps in a pin base attached to an 8 foot section of track lighting.

What is the connected lighting power for compliance purposes?

- A. 914 watts
- B. 1046 watts
- C. 1094 watts
- D. 1260 watts

Answer D; Reference 09 IECC 505.5.1, 505.5.1.1, 505.5.1.3, 505.5.1.4