

**THE CIEP BODY OF KNOWLEDGE**  
**Preparation for the CIEP Certification Exam**



The CIEP Certification Exam is a four-hour open book exam. The examination questions are based on the Body of Knowledge listed below. The examination has 14 different subject sections, all of which are included in the exam. You must bring a hand calculator to the exam as the CIEP exam does not allow computers, tablets, or cell phones to be used during the test.

**The CIEP Examination contains the following mandatory subjects:**

| <b>Body of Knowledge</b>                             | <b>Percent of Exam</b> |
|--|------------------------|
| Instrumentation and Controls                         | 9 – 11 %               |
| Combustion Equipment Basics                          | 8 – 10%                |
| Industrial and Manufacturing Ovens and Furnaces      | 8 – 10 %               |
| Electric Motors and Drives                           | 9 – 11 %               |
| Pumps  | 7 – 9 %                |
| Plant Water Systems                                  | 6 – 8 %                |
| Boilers, Auxiliaries & Steam Systems                 | 10 – 12 %              |
| Heat Exchangers                                      | 7 – 9 %                |
| HVAC & Ventilation Systems                           | 7 – 9 %                |
| Lighting Systems                                     | 4 – 6 %                |
| Compressed Air Systems                               | 6 – 8 %                |
| Energy Related Investigation & Project Support Tools | 7 – 9 %                |
| Understanding Your Energy Bills & Purchasing         | 5 – 7 %                |
| Communicating Project Value                          | 7 – 9 %                |