Taking the Certification Test

Each question has **only one correct answer**. Please record all answers on this answer sheet. The order of the questions in the test roughly follows the order of topics covered in class. All questions are equally weighted. A passing score is 90%.

Returning the Certification Test

Option 1: Fax the answer sheet (following page) to **Yaskawa Technical Training Services** at (847) 887-7185.

Option 2: E-mail the answers to all questions to **training@yaskawa.com**. Be sure to Include all of the contact information listed on the answer sheet.

Option 3: Mail the answer sheet to **Yaskawa Technical Training Services** at the address shown on the bottom of this page.

Receiving Your Score

When the test is taken during the training class, you will receive your score in class as soon as it can be graded. When taken as a CLEP test, receive your score from Technical Training Services by sending an email to **training@yaskawa.com** or or call 800-927-5292, dial 4 for product training. In either case, you may review your answers only if a passing score is received.

Answer Sheet:

1. _____
2. _____

Contact Information:

Name: _____ Title: _____

Company: _____ Email: _____

Address: _____

Phone Number: _____ Fax number: _____

Supervisor's Name/ Title: _____

Test Date: _____

Questions:

Note: To answer these questions you are going to actually have to download, install and use the program.

Input data from original Paint Booth Example:

- Base Rate: $0.046
- Motor HP: 40 Hp
- Voltage: 240 V
- Motor FLA: 104 A
- Hours of Operation: 6 hours/day, 5 days a week
- Flow Profile: Default

1. Use all of the input information from the original paint booth example application but change the operation time so that the blower runs 24 hours a day, 7 days a week, all year. What is the simple payback time in years?
   a. 0.85 years
   b. 1.00 years
   c. 1.27 years
   d. >5 years

2. Use all of the input information from the original paint booth example, but change the base rate from 4.6 cents to 7.8 cents. What is the predicted yearly savings from step 4?
   a. $1290
   b. $1513
   c. $1654
   d. $2296