

Certification Test



How To Use Yaskawa's Harmonics Estimator Software
TRM800-HarmonicsEstimator (eLM.AFD1000.01.HarmEst)

Taking the Certification Test

No demo unit is needed to take this test. Please record all answers on this answer sheet. Multiple-choice questions have **only one** correct answer, except where noted otherwise. Choose the best answer for each question.

A passing score is 90%.

Returning the Certification Test

Option 1: Fax this page to **Yaskawa Technical Training Services** at (847) 887-7185.

Option 2: E-mail the answers and **all** contact info below to training@yaskawa.com.

Receiving Your Score

You may review your answers only if a passing score is received. When the test is taken during class, you will receive your score as soon as it can be graded. When taken as a CLEP test or pre-requisite enrollment test, contact Technical Training Services via email or phone to receive your score.

Answer Sheet:

1. _____
2. _____
3. _____
4. _____
5. _____

Contact Information:

Name: _____ Title: _____

Company: _____ Email: _____

Address: _____

Phone Number: _____ Fax number: _____

Supervisor's Name/ Title: _____

Name of Yaskawa Rep: _____

Test Date: _____

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How To Use Yaskawa's Harmonics Estimator Software

TRM800-HarmonicsEstimator (eLM.AFD1000.01.HarmEst)

1. Which is not a value used for specifying a transformer size in the Harmonics Estimator?
 - A. Turns ratio
 - B. Secondary Voltage
 - C. Percent Impedance (Z%)
 - D. kVA

2. Which information is input on Step 2 of the Harmonics Estimator software?
 - A. Your custom company logo
 - B. Your customer's address and email
 - C. Your customer's utility information
 - D. What type of systems are to be harmonically analyzed

3. Which type of system will allow a 12-pulse configuration?
 - A. Any linear system
 - B. Only those without line reactors
 - C. U1000 Matrix systems
 - D. A1000 systems

4. Which system will produce less harmonic distortion?
 - A. A1000 with an optional 3% DC Bus Reactor
 - B. A1000 with a 12-pulse option

5. What does PCC stand for in the Harmonics Estimator software?
 - A. Percent of Current Capacitance
 - B. Point of Common Coupling
 - C. Per Controller Capacity
 - D. Peak Current Conductance