

# LEADER'S GUIDE FOR DVD-43C

## *Lead Free Hand Soldering for Through-Hole Components*

*Lead Free Hand Soldering for Through-Hole Components* (DVD-43C) has been developed to provide industry recognized lead free hand soldering training / certification for your operators and assembly technicians. The following is a description of this IPC Training program.

The program is divided into five sections – *Preparation; Materials; Soldering; Cleaning; and Acceptance Standards*.

All of the training and testing materials for this program are available for download over the Internet at: <http://training.ipc.org/dvd43c>  
The URL for these download materials is also printed on the face label of the DVD.

The training support materials include a thirty-question *examination* and a printable certificate for students that score 70% or better on the final test.

### **How to Use this Program**

Below are our recommendations for how best to use the DVD and training materials to help insure that your students will pass the final exam.

### **Review**

After you *play* each section of the DVD, stop the video when appropriate and clarify and reinforce any information or specific requirements that are important to you.

When you complete each section, you have the option of asking the applicable *Review Questions*. After discussing each question, the group can develop a consensus answer - as preparation for the final exam.

### **Test and Certificates**

After you complete the DVD, you can give the students the IPC *Training Certification Test* containing thirty questions. You may print as many copies of the *test* as necessary. Directions regarding how to take the test, how to mark answers, change answers, etc. are all provided on the first page of the test. Please review these directions with your students.

An *Answer Key* is also provided for grading the *test*. After grading, you may wish to return the exams to each student so they can review any incorrect answers.

A *color* version of an *IPC Training Certificate* is included on the DVD-43C download page. This .pdf certificate allows you to type in the names of all the students that pass the test - and print out individual color certificates. *Training Certificates* can be provided to students who obtain a passing grade of 70% (**21 correct answers**) or better on the final test.

### **CEUs**

In order to assign *continuing education units* to each student... measure the total training time in reviewing DVD-43C, group discussion and testing. Each one-hour increment of training translates into 0.1 CEU. Therefore, if you spend 2 hours in classroom training and evaluation, each student would earn 0.2 CEU. You may need to provide written documentation for student CEU records.

Thank you for purchasing this IPC training program.

Joel Kimmel  
DVD-43C Producer