

LEADER'S GUIDE

The Seven Sins of Hand Soldering (DVD-49C)

This (DVD-49C) *The Seven Sins of Hand Soldering* has been developed to provide continuing education for your hand soldering operators and assembly technicians. Following is a description of this IPC training program.

This DVD has seven sections – for Sins 1 through 7. You may access individual sections from the main menu – or play continuously from beginning to end – by pressing PLAY at the main menu.

Within the downloadable print support materials, we have included *learning objectives* and *review questions* for each *sin* or bad habit presented in the video. There is also a twenty-question *training certification examination*.

How to Use this Training Program

We recommend that you present and reinforce the material a number of times to support the learning process. Below are our recommendations for how best to use the DVD and learning support materials to help insure that your students will pass the final test. All of the learning materials are available as Internet (PDF) downloads – at the URL printed on the DVD face label: <http://training.ipc.org/dvd/49c>

Objectives

The Learning Objectives for each ‘sin’ can be reviewed prior to viewing each section. This will make sure that students know what they are expected to learn.

Review

After you *play* each section of the video, pause the DVD where appropriate and reinforce any information or specific requirements that are important to you. As you complete each section you may wish to discuss each of the review questions to develop a consensus answer.

Test and Certificates

After you complete all of the sections, you may give the students the *Training Certification Test* containing twenty multiple-choice / true-false questions. Directions are provided on the first page of the test. You should review these directions with your students. This is a “closed book” exam; no other materials should be present when the

students are taking the test. Successful completion of the exam does not require outside sources of information.

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

A *Training Certificate* can also be downloaded from the DVD-49C web page. This .pdf version allows you to type in the names of all the students that pass the test - to print out color certificates. Student with a passing score of 70% or better (14 correct answers) are entitled to receive the *training certificate*.

CEUs

In order to assign *continuing education units* to each student... measure the total training time in reviewing the DVD-49C, 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 the DVD-49C training program. We hope you will find it useful in improving the quality of your hand soldering operations.

Joel Kimmel
VT-49C Producer