

Air Pollution Control Training Video Catalog



THE UNIVERSITY of
TENNESSEE

Programs listed are available free of charge to local, state and tribal air pollution control agencies.

The Center for Industrial Services



Air Pollution Control Devices Video Training Series

The Air Pollution Control Device video series is a self-instructional training tool. The training tool is designed to provide a basic overview to those unfamiliar with a variety of air pollution control technologies. The series is broken down into different types of equipment such as:

Particles

- Cyclones
- Electrostatic Precipitators
- Fabric Filters
- Wet Scrubbers



Gases

- Absorbers
- Carbon Adsorbers
- Condensers
- Vapor Incineration



Some of the topics covered in the modules are:

- Types of devices
- How they work
- How to tell if they are working correctly
- Causes of decreased performance
- Performance monitoring



Although this training tool is not intended as complete training in the inspection of these devices, it will provide a basic understanding of the different types of devices used. This series is available on VHS videotape, Video CD (VCD) and DVD. The VCD is a popular format that plays on most computers.

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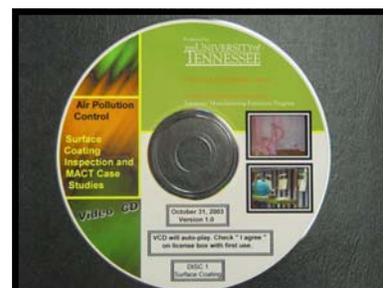
Surface Coating Video Training Series

The Surface Coating video series is a self-instructional training tool. Subject matter includes information on what to expect when conducting air regulation inspections. There are case studies featuring industries that need to comply with new surface coating Maximum Achievable Control Technologies (MACT) rules.

In addition, there are programs covering various aspects of liquid and powder coating techniques such as pretreatment and transfer efficiency. There are also case studies from actual sources on how they have improved their coating operations environmentally without sacrificing product quality.

Surface Coating – Disc/Tape 1 - 71 minutes

New Video! The video begins with an overview of common surface coating types and application methods. Additional information is provided on surface pretreating and curing of coatings. Tips are offered on what to observe for an on-site surface coating air regulation inspection.

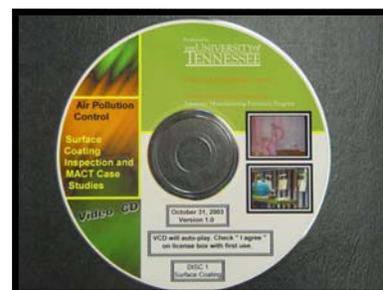


This new video is also available separately in VHS format.

Video case studies from various industries include the use of thermal oxidizers on paint lines and MACT compliance strategies. The MACTs covered include Wood Building Products, Miscellaneous Metal Parts, and Fabric Finishing, Dyeing and Coating. Case studies are from The University of Tennessee's 2001 broadcast - **Coating Clean**.

Liquid Coating – Disc/Tape 2 - 62 minutes

This video collection is from The University of Tennessee's 1991 broadcast - **In Living Color**. The broadcast gave P2 techniques to help reduce RCRA hazardous paint wastes, which can also reduce toxic air emissions .



The video collection begins with a case study from a truck trailer manufacturer who was able to use waste paint as an undercoating. Other segments include presentations on pretreatment, transfer efficiency, spray types and electrostatic applications.



Powder Coating – Disc/Tape 3 - 49 minutes

This video collection is also from The University of Tennessee's 1991 broadcast - **In Living Color**. It begins with a case study from a lawn mower manufacturer who switched from liquid to powder coating. The company reduced air emissions while improving their product coatings. The other segments include a panel discussion and a presentation on pretreatment.

Although this training tool is not intended as complete training in the inspection of surface coating operations, it will provide a basic understanding of many types of coating applications. This series is available on VHS videotape, Video CD (VCD) and DVD. The VCD is a popular format that plays on most computers.

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