

Hands-On  
Air Dryer Training



## Course Description

This highly intense Hands-On 2-day or 3-day course, depending on the number of Dryers to be covered. (ADK, Chatlos, Dielectric, or McIntire). Students will gain an in-depth Real-World experience on Air Dryer Technique, Routine Maintenance and Troubleshooting.

## Students Will Learn

- Why Air Systems
- Introduction to Air Dryers (what is air, moisture, dew point, air volume and how they relate)
- Air Dryer Information (capacity, sizing, location and electrical requirements)
- Basic Sections of a Dryer
- The workings of water-sealed, oil-less piston/heatless compressors
- Routine maintenance
- Trouble shooting
- Rebuilding water sealed and oil-less/heatless compressors.
- Testing procedures
- Troubles will be placed in both types of dryers for the hands on troubleshooting portion of the class
- And More..

## Target Audience

OSP Technicians, CO Technicians, Installation, Repair and Maintenance Technicians, Technical Support Technicians, Support Managers and anyone requiring Hands-On skills on

Air Dryer technique and technologies.

## Prerequisites

A basic understanding of telecommunications and basic electronics. This information can be obtained in our courses below

Hands-On Basic Telephony & TeleCom Electronics

## Course Outline

To be customized to clients scope and objectives.

## Notes

As stated earlier we bring full size air dryers to your training facility. The following items are essential

### Building

no steps or requires handicap ramps

elevator if class is not on first floor

### Power requirements

1ea. -120 Volt outlet

1ea. -220 Volt single phase outlet, minimum 20 amp breaker

NOTE please read

BTS has in the past, when required outlets were not available, have used a power van or underground trailer to provide power to the classroom dryers. But unfortunately if the power supply selected is not working properly it has a tendency to pop or burn out the capacitors in the compressor motors. Therefore if you elect to use a generator, as a power supply, and damage occurs repairs (parts & labor) will be added to the training course bill.

## Delivery Method

Hands-On Instructor-led with Hands-On Labs and Exercises.

## Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

## Course Length

3 Days