

Radio Frequency Safety Officer Training Course

Evaluation • Effects • Standards

Designed to train professionals in non-ionizing radiation evaluation and management techniques. Limited class size makes this an ideal hands-on experience.

Who Should Attend

- Industrial Hygienists
- Safety Professionals
- Engineers
- Insurance Professionals
- Managers in Industry, Government, and Service Organizations

Focus

- Determining compliance with major standards
- Evaluating the risk potential of various sources of non-ionizing radiation
- Setting up a non-ionizing radiation safety program

Course Outline

DAY ONE

- Introduction
- Theory
- Instrument Overview
- Detector Designs

DAY TWO

- Effects and Definitions
- Standards Overview
- Antenna Designs and Calculations
- Introduction to Surveys

DAY THREE

- Performing Surveys
- Documenting a Safety Program
- Course Review

CREDITS

The American Board of Industrial Hygiene (ABIH) has previously awarded CM credit for this event. The current event contains 24 hours which can be claimed for CM credit.

PREREQUISITE

A professional background in science, engineering, or environmental health and safety is highly desirable.

Foundation

We'll get you ready to conduct and document a survey with a solid background in electro-magnetic radiation characteristics, health effects, standards, and instrument design and limitation.

A Hands-On Experience

With ideas mastered, you'll be ready for practical instruction. We'll give you a full day to test your knowledge using a broad range of instruments. And you'll have the personal attention that's only possible in a small group.

Why You Should Attend

Recent media and scientific interest in non-ionizing radiation sources from low frequencies and their affect on implanted medical devices to microwave frequencies generated by the wireless industry's base stations and military use of even higher power levels, has expanded the possibility of hazardous conditions in occupational areas.

As our need for efficient methods to heat and cure products in Industry and our desire to communicate via wireless technologies increases, we continue to add sources that if not properly positioned or shielded, present the potential to exceed recognized safety standards. While our uses of non-ionizing radiation constantly evolve so do the standards and guidance's that we need to adhere to in order to protect ourselves, our clients and our companies.

This course has been presented at least once every year for over 20 years. It combines excellent content being taught by experienced professionals that correctly instruct you how to implement and execute your RF safety program.

What You Will Learn

When you complete this training course, you will know how to evaluate and manage sources that create exposures to non-ionizing radiation.

Attendees will become familiar with FCC rules and regulations as well as IEEE C95.7 Recommendations for RF Safety Programs. Canada's Safety Code 6, ICNIRP and IEC recommendations are also part of the course syllabus.

We review the latest scientific research and how it is incorporated into the exposure limits as well as how and why international limits vary from each other. We educate attendees about simple calculations for estimating field strengths from various types of antennas and, because we are Narda, we can even educate attendees about the various methods of detection and measurement equipment.

In a small work-group setting, you will make electric field and magnetic field measurements. Sources are made available to provide a realistic measurement experience.

Here's What Attendees Say...

"Great course with highest caliber personnel. Informed me thoroughly on items of interest... specifically helpful to me in developing an RF RADIATION SAFETY PROGRAM...Thanks to all, fantastic course of instruction..."

*Bill Fairing
Martin Marietta, Norristown, PA*

"The information in the text is a valuable addition to my reference library..."

*Gregory King
Merck & Co., Rahway, NJ*

"A very good introductory course... Bob Johnson [instructor] is an excellent ambassador for Narda..."

*Eugene Russell
EG & G, Las Vegas, NV*

"Very helpful, and gave me much to consider in future measurements..."

*Thomas White
Varian, Beverly, MA*

Past Attendees are from these organizations:

AT&T Communications	Norden
CNA Insurance	U.S. Navy
State of Florida	GEC-Marconi
Satellite Transmissions	Martin Marietta
Pactel Cellular	CIBA-GEIGY
Callanan Co.	GTE Laboratories
EG&G	Varian
Merck & Co.	MA/COM
Federal Communications Commission	
NOAA/National Weather Service	

Registration

Fill out the form on the next page, and send to us:

BY MAIL (up to two weeks prior to start of class) to:
Narda Seminar Center
435 Moreland Road
Hauppauge, NY 11788

You will receive confirmation by return mail.

BY E-MAIL: nardaseminar@L-3COM.com

BY FAX: (631) 231-1711

BY TELEPHONE: (631) 231-1700 Ext. 224

CONFIRMATION PACKET

Once your registration is confirmed, you will receive a detailed packet on the course-site hotel and airport-to-hotel transportation.

Cost

The registration fee for this includes all instructional materials and lunch each day. The price for individuals is \$1650.00. Discounts are available for federal and state employees, and for groups of five or more. Hotel discounts are available to everyone. Payment can be made with Master-Card, Visa, American Express, company check, or purchase order.

HOTEL ACCOMMODATIONS

Hotel reservations should be made directly with the Crown Plaza San Marcos, One N. San Marcos Place Chandler, AZ 85225 1-800-972-3574, www.sanmarcosresort.com and request L-3 Communications-Narda's room rate (\$119.00).

REFUND POLICY

100% Up to 2 weeks prior to class
50% Up to 1 week prior to class



Narda knows the potential danger of non-ionizing radiation and is continuously creating and refining instruments to gather the significant data essential for environmental and occupational safety. With accuracy as a benchmark and sensitive to corporate liability issues, the Company has developed a comprehensive approach to non-ionizing radiation safety in the workplace.

Narda products account for more than 95% of the world's patents in non-ionizing radiation safety equipment. The preferred choice of knowledgeable individuals, Narda equipment is relied on for accurate measurements in any signal environment.

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E-Mail nardait.support@L-3com.com
www.narda-sts.it

Registration Form

YES, Please sign me up for the three-day Survey Training Course checked below:

Session C115: Chandler, AZ Nov. 17 - 19, 2015 Crown Plaza San Marcos 1-800-972-3574 www.sanmarcosresort.com

Mailing Address

NAME _____

TITLE _____

COMPANY _____

ADDRESS _____

CITY/STATE/ZIP _____

TELEPHONE () _____

FAX () _____

E-MAIL _____

Payment Method

My Company Check/Money Order made out to L-3 Communications – Narda is enclosed.

My P.O.# is _____

Bill my VISA MasterCard AmEx

ACCOUNT # _____ EXP. DATE _____

SIGNATURE _____

Please send me information on:

- Future 3-Day Courses
- 1-Day Communication Seminars (various cities)
- 1-Day Industrial Seminars (various cities)
- Custom In-House Courses

Print and Mail to
Narda Seminar Center
435 Moreland Road, Hauppauge, NY 11788
OR Fax to 631-231-1711

