



International Association for Radio, Telecommunications and Electromagnetics, Inc.  
840 Queen Street – New Bern, NC 28560 - 1-800-89-NARTE - Fax 1-252-672-0111 - [www.narte.org](http://www.narte.org)

## MIL-STD EMC Specialist Certification Application Package

---FORMS MAY BE PHOTOCOPIED---

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### About iNARTE EMC Certification

NARTE was established by industry leaders in 1982 in response to the FCC's deregulation and encouragement of industry certified personnel. As an objective third party certification body, NARTE developed an evaluation process based not only on examination, but real world skills and work experience. Early in 1987, it was determined that a credential certification process for EMC engineers and technicians was needed to help improve the quality of direct technical support to the Naval Air Systems Command (NAVAIR) and eventually to the U.S. Navy. For many years the EMC examinations were linked to the MIL-STD requirements, but as commercial EMC interests developed, the examination question pools changed so that by 2006 there were fewer than 20% MIL-STD content in a typical certification examination. Now in 2011 it is time to redress the situation. There are once again many EMC practitioners seeking credentials for their specialized knowledge of military EMC requirements. In response iNARTE introduced a MIL-STD EMC Specialist certification. This can be held as a stand-alone certificate, or it can be augmented later to a full EMC Certification with a MIL-STD endorsement current EMC certificate holders can also add this endorsement through examination. In addition to improving the technical quality of support, certification, as a recognized standard, provides a demonstrable benchmark to differentiate qualified EMC/EMI personnel.

The purpose of the EMC Credential Certification Program is to foster technical "excellence" in EMC engineering. This approach establishes technical competency criteria for EMC and enforces these criteria for technical personnel performing EMI control work. The program benefits the individual engineer, the technician and the EMC community as a whole by establishing a standard of excellence in EMC engineering that will endure and extend across the boundaries of private and government agencies.

iNARTE EMC Certification is a four-step process based on education, work experience, peer endorsement and examination. Educational requirements for the MIL-STD EMC Specialist typically include graduation from a university engineering curriculum, or from a trade or vocational school course in electronic technology. A number of years of direct work experience in the field is required. Peer and supervisory endorsements are used to substantiate the credibility of the candidate.

The target of the examination is to establish that a candidate has a broad knowledge of MIL-STD requirements and a grasp of related EMC fundamentals. Examination details are available on Pages 3 and 4 of this package. Submission of the application form implies agreement to adhere to the **iNARTE Code of Ethics**, available from iNARTE HQ or online at <http://www.narte.org/h/codeofethics.asp>



# MIL-STD EMC Specialist Certification Criteria

1. Complete the Application Form (Page 7) and submit a **non-refundable** application fee, available at <http://www.narte.org/h/fees.asp>. Submission of the application form implies agreement to adhere to the NARTE Code of Ethics. Available at: <http://www.narte.org/h/codeofethics.asp>.
2. Provide specific record of six years or more of experience in EMC technician work. Provide an up-to-date resume or complete the EMC Detailed Work History Form (Pages 8-9).
  - a) Graduation from a two, three or four year Bachelor Degree curriculum in an engineering discipline
  - b) Graduate from an iNARTE-approved electronics technology curriculum of two years or U.S. Navy Class "A" school is considered equivalent to one year of required experience.
  - b) The satisfactory completion of each year of such an approved engineering or technical curriculum is considered equivalent to one year experience.
  - c) Graduation from other engineering training programs will be evaluated by iNARTE.
  - d) Teaching: Engineering teaching of a character satisfactory to iNARTE may be considered as a maximum of one year experience.

No more than 4 years experience credit will be allowed for education and/or teaching as outlined above. The mere execution or the supervision of construction of such work as a foreman, first line supervisor or superintendent shall not be deemed to be the practice of engineering. Applicants who pass the examination but do not yet have 6 years of related experience, will be awarded an Associate Certification pending their experience being attained.

3. Provide evidence of education and training.  
Official school transcripts are required. Photocopies of applicable training certificates may be submitted.
4. References: Using the iNARTE reference forms (Pages 10-11), submit a minimum of 1 supervisory reference and 2 additional references each supporting character and competency as a MIL-STD EMC Specialist. Reference forms must be signed and forwarded directly to iNARTE.
5. Compose 5 multiple choice questions base upon the MIL-STD requirements, together with correct answers and supporting references.
6. Pass the iNARTE MIL-STD EMC Specialist examination.



# Preparing for the iNARTE MIL-STD EMC Specialist Examination

## Coordination & Procedures

### Where?

iNARTE has testing centers at over 180 locations in the US and at authorized facilities worldwide. iNARTE also administers the certification at the IEEE EMC Society Symposium annually. If no testing location is near you, iNARTE will coordinate an examination session at your workplace. Contact iNARTE at 1-800-89-NARTE for locations or see the test center listing online at <http://www.narte.org/h/testcenters.asp>

### When?

Most test locations will coordinate an appointment upon request. Indicate your preferred testing dates on your application form. Once your EMC Certification application fee is received, iNARTE will effect the necessary coordination and arrangements for a testing date, time, location and point of contact.

### How?

The examination for MIL-STD EMC Specialist is approximately a half day duration in one session. All examinations are given with open book (see exam strategy below). Examinations are graded at iNARTE Headquarters and the applicant will be advised of a pass/fail within 10 working days. Passing score is 70%. Should a candidate fail the examination, a retake is permissible following a 90 day period. Examinations may be retaken any number of times, however, an examination processing fee of is required each time the exam is taken, (see <http://www.narte.org/h/fees.asp>).

## Basic Exam Strategy

The iNARTE examination is open book. Study/reference materials recommended for the exam are listed on Page 4.

The MIL-STD EMC Specialist exam consists of one section of 48 questions.

You must answer no more than 40 of the 48 questions on the exam.

Review all questions, then answer those you are most sure of first.

**You will be graded on the first 40 questions you answer.** *For example: if you answer Questions numbered 1 through 43, you will be graded on questions 1 through 40 only.*

## MIL-STD EMC Specialist Examination Subjects

Military Specifications/Standards/Handbooks

Conducted & Radiated Emissions

Conducted & Radiated Susceptibility

Bonding

Grounding

Shielding

Antennas

Filtering

Amplifiers

Field Theory

Electrical Networks

Mathematical



# MIL-STD EMC Specialist Examination Study Materials

**NOTE:** This list is suggested but not all inclusive. **Bold titles** indicate primary reference material. \* Included on iNARTE EMC Study CD.

1. **Study Guide and Question Preparation Guide for EMC Credentials Examination**, The National Association of Radio and Telecommunications Engineers, Inc. See order form, Page 5.
2. **Reference Data for Engineers: Radio, Electronics, Computer and Communications**, Howard W. Sams Co., Inc., Indianapolis/Kansas City/New York, Seventh Edition, 1988.
3. **ANSI/IEEE STD 100: IEEE Standard Dictionary of Electrical and Electronic Terms**, IEEE, 1984.
4. Skolnik, Merrill L., **Radar Handbook**, McGraw-Hill Book Company, New York, 1970.
5. Paul, Clayton R., **Introduction to Electromagnetic Compatibility**, New York, John Wiley & Sons, Inc., 1992 Bell Labs Loop Transmission Div., "EMP Engineering and Design Principles (75). ISBN# 0471549274
6. Kraus, John D., **Electromagnetics**, McGraw Hill, 1986
7. Gnecco, Louis T, MSEE, **The Shielded Enclosure Handbook**, Tempest, Inc., Herndon, VA, February 1999. See order form, Page 5
8. Everett, III, Woodrow W. et al., **Study Guide for Electromagnetic Compatibility Engineers**, The SCEEE Press, St. Cloud, FL 1993. See order form, Page 5
9. \*MIL-STD-461F - ELECTROMAGNETIC EMISSION AND SUSCEPTIBILITY REQUIREMENTS FOR THE CONTROL OF ELECTROMAGNETIC INTERFERENCE. *It is recommended that applicants study most recent earlier issues to understand changes that have been implemented.*
10. MIL-STD 464C ELECTROMAGNETIC ENVIRONMENTAL EFFECTS REQUIREMENTS FOR SYSTEMS
11. MIL-STD-449D (NOTICE 1), MILITARY STANDARD: RADIO FREQUENCY SPECTRUM CHARACTERISTICS MEASUREMENT OF (18 MAY 1976)
12. MIL-STD-1310H, SHIPBOARD BONDING, GROUNDING, AND OTHER TECHNIQUES FOR ELECTROMAGNETIC COMPATIBILITY AND SAFETY
13. MIL-HDBK-237 Rev D - ELECTROMAGNETIC COMPATIBILITY MANAGEMENT GUIDE FOR PLATFORMS, SYSTEMS AND EQUIPMENT.
14. MIL-HDBK-419A - GROUNDING, BONDING AND SHIELDING FOR ELECTRONIC EQUIPMENT AND FACILITIES
15. NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010 "Technical Manual" *Electromagnetic Radiation Hazards (U) Hazards to Personnel, Fuel and Other Flammable Material (U)*, Vol. I, 5th Rev., Naval Sea Systems Command, Washington, DC, December 1979.
16. \*OPNAV INST 5100.23B, Navy Occupational Safety and Health (NAVOSH) Program Manual, 28 July 1987. (Latest ANSI Standards, RADHAZ to Personnel.)
17. Law, Preston E.E., *Shipboard Antennas*, 2nd ed., Artech House, Inc., Norwood, Massachusetts, 1986. ISBN# 0890062110
18. Skolnik, Merrill L., *Introduction to Radar Systems*, 2nd ed., McGraw-Hill Book Company, New York, 1962. ISBN# 0070579091
19. Bell Telephone Laboratories, Inc., *Transmission Systems for Communications*, Western Electric Technical Publications, Winston-Salem, North Carolina, Revised Fourth Edition, December 1971.
20. D.F. Strawe, *Electromagnetic Shielding Characteristics of Advanced Composites*, AGARD Conference Proceedings 283, Electromagnetic Effects of (Carbon) Composite Materials Upon Avionics Systems, Lisbon, Portugal, 16-19 June 1990.
21. U.S. Department of Commerce, *Manual of Regulations and Procedures for Federal Radio Frequency Management*, National Telecommunications and Information Administration, Washington, DC, 20230, May 1986 Edition as Revised September 1987. ISBN# 0160164648
22. \**Aircraft Lightning Protection Handbook*, DOT/FAA/CT-89/22, September 1989; Federal Aviation Technical Center, Atlantic City International Airport, Atlantic City, New Jersey, 08405.
23. American Radio Relay League, *The ARRL Handbook for the Radio Amateur*, Newington, CT, 1990.
24. NAVAIR AD 1115, *EMC Design Guide for Avionics and Related Ground Support Equipment*.
25. Kraus, John D., *Antennas*, McGraw-Hill Book Co., Inc., New York, NY.
26. NAVSEA OD 30393, *Design Principles and Practices for Controlling Hazards of Electromagnetic Radiation to Ordnance*, First Revision, 15 January 1980, p. 43.
27. USAF Frequency Management Center, *USAF Frequency Managers Formula Handbook*, Washington, DC 20330-6341.
28. *EMC, Telecom and Computer Encyclopedia Handbook*, emf-emi contol, Inc., Warrenton, VA 20187, 1999.
29. Gnecco, Louis T, MSEE, *Problems and Solutions in Wireless Communications and Electromagnetic Compatibility*, Tempest, Inc., Herndon, VA, February 1999. See order form, Page 5.

**Most MIL STDs are available for free downloading at <http://www.everyspec.com>**



# STUDY MATERIAL ORDER FORM



<b>Name</b>	
<b>Address</b>	
<b>City, ST, Zip</b>	
<b>Day Phone</b>	

Item Descriptions	Quantity	Total
<b>Study Guide and Question Preparation Guide for EMC Credentials Certification Exam</b> <span style="float: right;"><b>\$35.00</b></span> Published by NARTE. The study guide for those preparing to take the NARTE EMC Engineer or Technician certification exam, contains 60 practice questions, with mathematical solutions, explanations and references. Questions are designated by type as Engineer, Technician or both. Covers the examination process, exam preparation and strategy.		
<b>CD ROM Study Guide and Question Preparation Guide for EMC Credentials Certification Exam</b> <span style="float: right;"><b>\$60.00</b></span> Created by NARTE. The above study guide on CD Rom for those preparing to take the NARTE EMC Engineer or Technician certification exam, contains 60 practice questions, with mathematical solutions, explanations and references. Questions are designated by type as Engineer, Technician or both. Covers the examination process, exam preparation and strategy, some MIL-STD's and NARTE Certification Application package. *CD Includes MIL STDs 461, 462, 463, 1310, Handbooks 237 and 419 and OPNAV INST 5100.23 B and Aircraft Lightning Protection Handbook.		
<b>Study Guide for Electromagnetic Compatibility Engineers</b> <span style="float: right;"><b>\$69.00</b></span> <i>Woodrow W. Everett, III, with James J. Whalen and Woodrow W. Everett, Jr.</i> Published by SCEE Press. A compilation of 390 sample questions as a study guide for EMC engineers and technicians. (Note: 219 of the 390 questions are also applicable to Technician.) Questions are arranged in chapters by category.		
<b>Problems and Solutions in Wireless Communications and Electromagnetic Compatibility</b> <span style="float: right;"><b>\$124.00</b></span> <i>Louis T. Gnecco, MSEE</i> Published by Tempest, Inc. February 1999. 112 pages. How to make fast, accurate RF computations without a calculator. This book will provide you with the ability to do Electromagnetic Compatibility and RF calculations quickly and accurately, without a calculator, using mental arithmetic techniques. <b>Not Returnable</b>		
<b>The Shielded Enclosure Handbook</b> <span style="float: right;"><b>\$249.00</b></span> <i>Louis T. Gnecco, MSEE</i> Published by Tempest, Inc. February 1999. 251 pages. This book is a guide for the buyer of a shielded enclosure, for the builder and craftsmen that assemble it, for the tester that certifies it, and finally for the user that must maintain it. <b>Not Returnable</b>		
<b>Shipping charges for US addresses~~ Add \$8 for 1 item, \$10 for 2 items, \$13 for 3-4 items.</b> <b>Orders shipping out of US add an additional \$20 shipping charge to order total.</b> Contact NARTE for orders of 5 or more items		
<b>Order Total:</b>		

**ORDER PAYMENT:**       **Check enclosed, payable to NARTE**

**Credit Card:** \_\_\_\_\_  
MC      VISA      AMEX      CVV #      Exp. Date

\_\_\_\_\_  
 Signature

To place your order, mail this form with payment to iNARTE, 840 Queen Street, New Bern, NC 28560  
 Credit card orders may call 1-800-89-NARTE or fax this form to 252-672-0111.



# Application Instructions

1. **APPLICATION (Page 7):** Complete the application form and submit to iNARTE with the non-refundable application fee (<http://www.narte.org/h/fees.asp>). When application and fees are received, iNARTE will begin to compile the application file and schedule testing.

**Upon signing the application form, you agree to abide by the iNARTE Code of Ethics as printed in the iNARTE Membership Handbook and online at <http://www.narte.org/h/codeofethics.asp>**

2. **TESTING:** iNARTE will coordinate the necessary arrangements for a testing date and time at the location chosen by applicant. Accredited Testing Center listings are available from iNARTE HQ or online at <http://www.narte.org/h/testcenters.asp>. Examinations are graded at iNARTE Headquarters and the applicant will be advised of a pass/fail within 10 working days by mail or they may call Headquarters for their results. Passing score is 70%. Should a candidate fail the examination, a retake is permissible following a **90 day** period. Examinations may be retaken any number of times, however, an examination processing fee is required each time the exam is taken.

3. **DETAILED WORK HISTORY FORM (Pages 8-9):** Provide detailed evidence of experience in the appropriate field using a current resume, or the iNARTE Detailed Work History Form. Some credit for college education/degrees may be awarded based on review of official transcripts.

4. **REFERENCES (Reference Form Pages 10-11):** Initiate action with those individuals who will serve as references. Using the reference form provided (**Pages 10-11**), these individuals must attest to the applicant's competency at the certification level requested and also serve as character references. One Reference must be from a supervisor. Reference forms should be sent directly to iNARTE.

5. **EVIDENCE OF EDUCATION & TRAINING:** Evidence of completing courses of study or training programs in related areas as offered by educational institutions and/or through internal corporate training programs are given consideration as part of certification. Official school transcripts may be required for experience credit. Photocopies of applicable training certificates may be submitted.

1. **QUESTIONS (Page 12):** Submit five (5) original multiple choice questions with correct answers and supporting references. Questions which relate to real world workplace engineering or technical/testing situations are preferred. Questions must conform to the format outlined on the iNARTE question form (**Page 12**).

## Notes about the Application Process

- Once any component of your application package is received, NARTE will begin to compile your file.
- You will receive updates on the progress of your application by mail every 6 weeks, or you may contact us to check on the status of your file at **1-800-89-NARTE**.
  - Once the application form and fees are received, iNARTE will initiate examination scheduling.
  - Reference forms should be sent *directly* to iNARTE from the reference provider by mail or **fax at 1-252-672-0111**.

## Application Checklist

- Application
- Fee (non-refundable)
- Detailed Work History
- 1 Supervisor reference
- 2 Peer references
- 5 questions
- Transcripts/certificates

All application materials should be sent to **iNARTE, 840 Queen Street, New Bern, NC 28560**

**Forms may be faxed to 252-672-0111, Contact iNARTE with any questions at 1-800-89-NARTE**





APPLICATION for MIL-STD EMC SPECIALIST CERTIFICATION by  
**INTERNATIONAL ASSOCIATION FOR RADIO  
 TELECOMMUNICATIONS AND ELECTROMAGNETICS, INC.**  
 840 Queen Street, New Bern, NC 28560 1-800-89-NARTE or (252) 672-0200

FOR OFFICE USE ONLY	
Certification Number: _____	Date: _____
Test Type: _____	Score: _____

Name \_\_\_\_\_  
(First) (Middle Initial) (Last)

Name \_\_\_\_\_  
(As to be shown on Certificate)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Citizen of \_\_\_\_\_

Phone (Work): \_\_\_\_\_ (Home) \_\_\_\_\_

Date of Birth \_\_\_\_\_ Sex  M  F Email: \_\_\_\_\_

Requested Test Center: \_\_\_\_\_ Test Month/Date Requested: \_\_\_\_\_  
See listing at <http://www.narte.org/h/testcenters.asp>

I hereby authorize iNARTE, in accordance with iNARTE's privacy policy [www.narte.org/h/privacy.htm](http://www.narte.org/h/privacy.htm) to publish my name, city, state, country and any certification it may issue to me in all of its directories or registries. In addition, iNARTE is authorized to confirm my certification to inquiries on my behalf. I have read and agree to abide by the iNARTE Code of Ethics as published at [www.narte.org/h/codeofethics.asp](http://www.narte.org/h/codeofethics.asp).

\_\_\_\_\_  
 Signature of Applicant Date

**References**

	Name	Telephone Number
1.	_____	_____
2.	_____	_____
3.	_____	_____

**Payment** **Non-refundable application fee, (see <http://www.narte.org/h/fees.asp>).**

Check enclosed  Charge: \_\_\_\_\_  
MC VISA AMEX CVV # Exp. Date

\_\_\_\_\_  
 Signature





Additional Contributions: Include title and dates of any published papers; recognized contributions to the Scientific or engineering profession; contributions to wireless installation technical or engineering courses in a "school of recognized standing".

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TECHNICAL/PROFESSIONAL AWARDS

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TECHNICAL/PROFESSIONAL LICENSES

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PROFESSIONAL SOCIETY AFFILIATIONS & GRADES OF MEMBERSHIP

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\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date





**INTERNATIONAL ASSOCIATION FOR RADIO  
TELECOMMUNICATIONS AND ELECTROMAGNETICS, INC.**

840 Queen Street, New Bern, NC 28560 Phone: (252) 672-0200. Fax (252) 672-0111

**Applicant's Name** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Date:** \_\_\_\_\_

Dear \_\_\_\_\_ (Name of Reference)

I have applied for certification in the field of Electromagnetic Compatibility as a MIL STD Specialist, and request that you serve as one of the references on my application. If you are willing to do so, please provide the information requested on this form and return the form to iNARTE at 840 Queen Street, New Bern, NC 28560. The certification requirements for MIL STD EMC Specialist are quoted below and I have enclosed a copy of my work experience.

Thank you for your help. Please send the completed forms to iNARTE at your earliest convenience. iNARTE will not process my application until all references submit their forms.

\_\_\_\_\_  
Signature of Applicant  
Date of Application to iNARTE \_\_\_\_\_

**REQUIREMENTS FOR CERTIFICATION AS A MIL-STD EMC SPECIALIST**

- 6 years of EMC experience\*, or equivalent, based on a combination of education and EMC work experience, which demonstrated competence as a MIL STD EMC Specialist
- Satisfactory performance on a written exam in EMC technology as administered by iNARTE.

Two years of experience may be granted for graduation from a iNARTE-approved curriculum that includes an electronics technology or applied electronics course. The teaching of electronics or engineering technology may qualify the applicant for up to two years of experience equivalency.

**\*Experience records will be reviewed by iNARTE. The mere execution of work designed by an EMC Engineer or the supervision of such work is not considered to be the practice of engineering.**



**iNARTE MIL-STD EMC SPECIALIST CERTIFICATION REFERENCE FORM Page 2– This Form  
May Be Duplicated**

Name of Applicant \_\_\_\_\_

Do you know the applicant well? \_\_\_\_\_ Casually? \_\_\_\_\_ How Long? \_\_\_\_\_

What is your professional relationship to the applicant? \_\_\_\_\_

Has the applicant been engaged as an EMC Engineer \_\_\_\_\_ or EMC Technician \_\_\_\_\_ for one year prior to  
“Date of Application”? (Candidate is eligible for certification even if they are not currently practicing their craft.)

Check the areas for which this applicant qualifies:

\_\_\_\_\_ MIL STD EMC Specialist                      \_\_\_\_\_ EMC Engineer or Technician                      \_\_\_\_\_ Both

Please evaluate the applicant in the space below:

**MIL SDT EMC Specialist**

- \_\_\_ Exceptionally well qualified
- \_\_\_ Well qualified
- \_\_\_ Marginally qualified
- \_\_\_ Unqualified (explain below)
- \_\_\_ Number of year’s EMC experience  
(Based on your personal knowledge)
- \_\_\_ Number of year’s MIL-STD EMC experience  
(Based on your personal knowledge)

Additional comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Your name (print)

\_\_\_\_\_  
Your business or affiliation

\_\_\_\_\_  
Your street address

\_\_\_\_\_  
Signature





INTERNATIONAL ASSOCIATION FOR RADIO  
TELECOMMUNICATIONS AND ELECTROMAGNETICS, INC.  
840 Queen Street, New Bern, NC 28560 Phone: (252) 672-0200. Fax (252) 672-0111

**MIL-STD EMC SPECIALIST CERTIFICATION QUESTION SUBMISSION FORMAT**

*The following format must be used. Questions must be submitted in a Word compatible document*

**SAMPLE QUESTION**

1. **Question:** According to MIL-STD-461F, stepped frequency susceptibility scans shall dwell at each tuned frequency for:
2. **Answers:** (Only 4 answers) {Include all calculations if the answer is calculated}
  - A. 500 ms
  - B. 1 s
  - C. A period of time not less than that required for the EUT to respond.
  - D. The greater of 3 seconds or the EUT response time.
3. **Correct Answer:**       D
4. **Applicability**    Engineer            Technician        Both
5. **Time required answering the question:**     3   Minutes
6. **Reference(s)**                   MIL-STD -461F Paragraph 4.3.10.4.1.
7. \_\_\_\_\_
8. **Category** (From list below)                   MIL-STD Specifications & Standards

**CATEGORIES OF EMC QUESTIONS**  
*In order of preference*

- Military Specifications/Standards/Handbooks**
- Bonding**
- Grounding**
- Shielding**
- Antennas**
- Filtering**
- Amplifiers**
- Field Theory**
- Electrical Networks**
- Mathematical**

<p><b>Notes on Question Content</b></p> <ul style="list-style-type: none"> <li>• The questions you submit must be in your own words.</li> <li>• Questions which relate to real-life work situations or problems are desirable (see example above).</li> <li>• Questions should be challenging, yet answerable by a knowledgeable and experienced EMC/EMI practitioner.</li> <li>• Your questions should be geared toward the certification type for which you are applying (MIL-STD Specialist).</li> <li>• Avoid any possible misinterpretations of the question. If question is negative, i.e., "Which item does <b>NOT</b> include the following?," the <b>NOT</b> should be bolded and capitalized.</li> <li>• All questions are to be made available in electronic format, even if hard copies are also submitted. <b>WORD</b> documents are preferred.</li> <li>• All Equations, Formulae, Pictures and Schematics are to be inserted into the electronic document. Hand written and hand drawn illustrations can no longer be accepted</li> </ul>
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**USE THE FOLLOWING PAGE AS YOUR TEMPLATE**



Name:

1. Question # :

2. Answers:

- A.
- B.
- C.
- D.

3. Correct Answer:

4. Applicability:      Engineer      Technician      Both

5. Time required to answer the question:     Minutes

6. Reference(s) (Detailed Calculations, if any, must be shown here)

7. Category:

**For TC and Office use only**

TC Member's Name & Review Date:

Question Accepted, (Y/N):

Comments:

