

GET SOME CAREER EXPOSURE

*Get Certified
As An AWS
Radiographic Interpreter*



Radiographic Interpreter Certification Program

AWS is pleased to announce a new program to train and certify AWS Radiographic Interpreters. The program is based on the most popular American construction codes. You can register now.

This is your chance to get ahead by obtaining certification of your ability to analyze radiographs of weldments, and of your having met the requirements in AWS B5.15:2003, Specification for the Qualification of Radiographic Interpreters.

Who is this program for?

It's for you if your job responsibilities include reading and interpreting weld radiographs. You'll learn proper film exposure, correct selection of penetrameters, characterization of indications, and use of acceptance criteria as expressed in the AWS, API, and ASME codes.

And it's for you if you really want to get ahead in the competitive workplace, prove yourself to your employer, and feel the satisfaction of adding a challenging certification to your credentials.

You will learn:

- Nature and Properties of X- and Gamma Radiation
- Photographic Aspects
- Fundamental Aspects of Radiographic Quality
- Radiation Safety Principles
- X-ray and Gamma Ray Equipment
- Knowledge of the Effects of Equipment Change on Radiographic Quality
- Geometry of Image Formation
- Exposure Calculations
- Application to Welds
- Viewing Radiographs
- Welding Technology

Why should my company send me?

Interpreting radiographs involves more than staring into a light box and making a "judgment call." The radiographic interpreter must determine whether the radiograph has been exposed properly, whether the image quality indicators have been correctly chosen in accordance with code requirements, and which specific acceptance criteria are applicable under the governing code. Failure to do any of these tasks can put your product, your company's reputation, or your job at risk. The time and money spent on upgrading your qualifications in this area will pay your employer back many times over.

You can be assured that the American Welding Society will deliver a quality product, backed by leading experts in the field of radiographic interpretation. Our training provides the necessary knowledge; the certification provides your employer with the comfort level that the training was effective. Do not settle for less.

If you need additional assistance, please contact the AWS Certification Department toll-free at 800-443-9353, ext 273.

SEMINAR/EXAM INFORMATION:

Seminar

Forty hours of classroom and seminar over five days includes textbook; workbook; use of training radiographs, light box, and densitometer; use of the *AWS Book of Reference Standards*; catered lunches; and final training examination. Seminar meets the requirements of NAS-410 and SNT-TC-1A.

AWS Member Price \$1,340

Non-member Price \$1,540

Seminar and Exam Package

Includes 40-hour classroom and seminar (described above) over five days, with the AWS Radiographic Interpreter certification examinations on the sixth day (Saturday).

AWS Member Price \$1,675

Non-member Price \$1,875

Examination Only

Candidates who already have the required 40 hours of radiographic training may gain direct access to the examinations. Although space and equipment may be limited and preference will be given to candidates who have enrolled in the training, we will make every effort to accommodate exam-only candidates. The *AWS Book of Reference Standards* will be provided to all candidates.

AWS Member Price \$750

Non-member Price \$950

FOR MORE INFORMATION:

Visit the Web site at

www.aws.org/certification/RI

or call 800-443-9353, ext 273.

2005 SEMINAR AND EXAM SCHEDULE:

MARCH 7-12, 2005

Houston, Texas

Instructor: Robert Cameron

Registration Codes:

RIP2 - Seminar & Exam – March 7-12

RIS2 - Seminar only – March 7-11

RIE2 - Examination only – March 12

Location:

Hellier South Central

16631 West Hardy Street

Houston, TX 77060-6239

Ph: 888-282-3887

MAY 2-7, 2005

Milwaukee, Wisconsin

Instructor: David Diaz

Registration Codes:

RIP3 - Seminar & Exam – May 2-7

RIS3 - Seminar only – May 2-6

RIE3 - Examination only – May 7

Location/Accommodations:

Clarion Hotel & Conference Center

5311 South Howell Avenue

Milwaukee, WI 53207

Ph: 414-482-8896/Fax: 414-481-2421

Rate: \$84.60 plus tax

Hotel deadline: April 1, 2005

MAY 23-28, 2005

Pittsburgh, Pennsylvania

Instructor: Ken Coryell

Registration Codes:

RIP4 - Seminar & Exam – May 23-28

RIS4 - Seminar only – May 23-27

RIE4 - Examination only – May 28

Location/Accommodations:

Embassy Suites Hotel-Pittsburgh Airport

550 Cherrington Parkway

Coraopolis, PA 15108

Ph: 412-329-2614/Fax: 412-264-1800

Rate: \$99 plus tax

Hotel deadline: April 22, 2005

JUNE 20-25, 2005

Houston, Texas

Instructor: Robert Cameron

Registration Codes:

RIP5 - Seminar & Exam – June 20-25

RIS5 - Seminar only – June 20-24

RIE5 - Examination only – June 25

Location:

Hellier South Central

16631 West Hardy Street

Houston, TX 77060-6239

Ph: 888-282-3887

JULY 11-16, 2005

Orlando, Florida

Instructor: Ron Theiss

Registration Codes:

RIP6 - Seminar & Exam – July 11-16

RIS6 - Seminar only – July 11-15

RIE6 - Examination only – July 16

Location/Accommodations:

Grosvenor Resort in the
WALT DISNEY WORLD® RESORT
1850 Hotel Plaza Blvd.
Lake Buena Vista, FL 32830-2202
Ph: 800-624-4109/Fax: 407-828-8192

Rate: \$95 plus tax

Hotel deadline: June 11, 2005

JULY 18-23, 2005

Baton Rouge, Louisiana

Instructor: Ron Theiss

Registration Codes:

RIP7 - Seminar & Exam – July 18-23

RIS7 - Seminar only – July 18-22

RIE7 - Examination only – July 23

Location/Accommodations:

Sheraton Baton Rouge
102 France Street
Baton Rouge, LA 70802
Ph: 225-242-2600 or 800-325-3535
Fax: 225-242-2611

Rate: \$99 plus tax

Hotel deadline: June 18, 2005

SEPT. 26-OCT. 1, 2005

Dallas, Texas

Instructor: David Diaz

Registration Codes:

RIP8 - Seminar & Exam – Sept. 26-Oct. 1

RIS8 - Seminar only – Sept. 26-30

RIE8 - Examination only – Oct. 1

Location/Accommodations:

Holiday Inn Select - Dallas Central
10650 N. Central Expressway
Dallas, TX 75231
Ph: 214-373-6000/Fax: 214-368-2932

Rate: \$75 plus tax

Hotel deadline: August 26, 2005

OCT. 31-NOV. 5, 2005

Reno, Nevada

Instructor: David Diaz

Registration Codes:

RIP9 - Seminar & Exam – Oct. 31-Nov. 5

RIS9 - Seminar only – Oct. 31-Nov. 4

RIE9 - Examination only – Nov. 5

Location/Accommodations:

Reno Hilton
2500 East Second Street
Reno, NV 89595
Ph: 775-789-2000/Fax: 775-789-1678

Rate: \$79 plus tax

Hotel deadline: September 30, 2005

DECEMBER 5-10, 2005

Houston, Texas

Instructor: Robert Cameron

Registration Codes:

RIP10 - Seminar & Exam – December 5-10

RIS10 - Seminar only – December 5-9

RIE10 - Examination only – December 10

Location:

Hellier South Central
16631 West Hardy Street
Houston, TX 77060-6239
Ph: 888-282-3887

ABOUT THE INSTRUCTORS:

Robert E. Cameron of Hellier, A Rockwood Company, in Houston, TX, completed his formal education at The Ohio State University. He has spent over 35 years in Nondestructive Testing, Quality Control, and Quality Assurance, and has been involved in training for more than 25 years. His career has spanned various industries, including aerospace, nuclear, automotive, shipbuilding, power generation, and petrochemical. He has conducted technical training programs and consulting services throughout the United States as well as in Canada, Greece, Mexico, Japan, and Venezuela. He has also conducted training programs for AWS, American Society of Metals (ASM), American Society of Mechanical Engineers (ASME), and American Society of Nondestructive Testing (ASNT). He is an ASNT Level III in magnetic particle testing (MT), liquid penetrant testing (PT), radiographic testing (RT), ultrasonic testing (UT), electromagnetic testing (ET), visual testing (VT), and neutron radiography (NR); an ASNT Central Certification Program (ACCP) Professional Level III in MT, PT, RT, UT, and VT; a Certification Scheme for Welding Inspection Personnel (CSWIP) Alternating Current Field Measurement (ACFM) Level II; and an AWS Certified Welding Inspector (CWI). He is an ASNT Fellow and has served on the ASNT Board of Directors. He has received the ASNT Tutorial Award, the ASNT Mentoring Award, and the 2001 AWS District 18 Private Sector Instructor Award. He is a member of AWS, ASNT, and ASTM, and serves on the Advisory Board for the NDE Program at North Harris College in Houston.

Ken Coryell, a welding quality consultant based near Cleveland in Burton, OH, has been an AWS faculty member for over 17 years. His experience includes over 30 years of welding quality assurance, quality control, nondestructive examination, and welding engineering for the electric utility, petrochemical, aerospace, shipbuilding, and structural industries. He is an AWS SCWI, an ASNT Level III certificate holder in radiography and liquid penetrant testing, and a Registered Professional Engineer. He earned bachelors and master's degrees in Welding Engineering from The Ohio State University. His professional affiliations include AWS, ASNT, ASME, ASM, and the National Society of Professional Engineers.

David Diaz has spent 34 years in welding and nondestructive testing. As a Quality Assurance Engineer, NDE Level III, and Welding Inspector, his specializations span the nuclear, aerospace, geothermal, cogeneration, and other related power-generation industries, as well as building construction. He received a degree in nondestructive testing from the Chicago Institute of Technology and a Bachelor of Science degree in materials engineering from National University in Sacramento, CA. He served as a metals-processing specialist in the U.S. Air Force. He has traveled extensively as a quality auditor, providing technical training and instruction throughout the U.S. and in China, Saudi Arabia, the United Arab Emirates, Japan, Mexico, and Canada. He holds certifications in SCWI, CWI, CWE, API 570, Lead Auditor ANSI NQA-1, AISC auditor, AWS Assessor (ATF), ASNT/ACCP III 30348, and SNT-TC-1A. He also maintains welding certifications in piping and plate for the SMAW, GTAW, and GMAW processes. He is an adjunct AWS instructor for the CWI seminar and instructs on welding and nondestructive inspection techniques, and the development of quality assurance, quality control, and welding procedures as an independent consultant for Educational Technical Management Services.

Ron Theiss is developer and coordinator of the NDE program at North Harris College in Houston, TX. A teaching professor for 26 years, he is an ASCWI and holds a Bachelor of Science degree in industrial education. He has served as AWS District 18 Director and as Chairman of the Houston Section. With an extensive practical background in welding, inspection, nondestructive examination, and consulting, Ron has served as an instructor in CWI and nine-year recertification seminars for 11 years.

Registration Form Radiographic Interpreter Certification Program

YES! I WANT TO GET SOME CAREER EXPOSURE!

Sign me up for the AWS Radiographic Interpreter Certification Program at the location and date I have selected below.

Are you an AWS member? If yes, provide Member No. _____

Name _____

Title _____ Organization _____

Address _____

City/State/ZIP _____

Birth Date _____ E-Mail Address _____

Business Phone () _____

Business Fax () _____

Also, you must submit the complete Radiographic Interpreter examination application, available on the AWS Web site at www.aws.org/certification/RI, at least six weeks before the exam date.

- I want to take both the seminar and the certification exam.
- I want to take the seminar only.
- I want to take the examination only.
- I don't have Web access. Please mail me a copy of the examination application.

LOCATION/DATE	REGISTRATION CODE	PRICE	QTY	TOTAL

SUBTOTAL

To mail your payment:
American Welding Society
P.O. Box 440367
Miami, FL 33144-0367

AWS USE ONLY	
1. Check #	_____
2. Date Rec'd	_____
3. Amount	_____
4. Account#	_____

TOTAL

YOU CAN FAX THIS ORDER TO 305-648-2396

- Bill me (must be AWS member)
- Bill my Company's P.O. No. _____
- Check AMEX VISA MasterCard
- Carte Blanche Diners Club Discover

Card No. _____ Expiration Date _____

Signature: _____

Duplicate this form for multiple registrants.



American Welding Society

Founded in 1919 to Advance the Science,
Technology and Application of Welding