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## Texas Department of Health

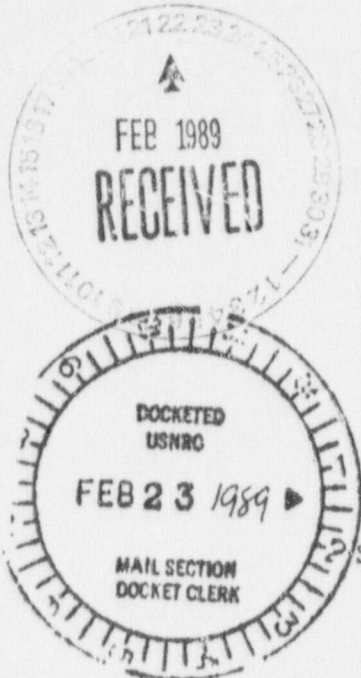
Robert Bernstein, M.D., F.A.C.P.  
Commissioner

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(512) 458-7111

Radiation Control  
(512) 835-7000

Robert A. MacLean, M.D.  
Deputy Commissioner  
Professional Services

Hermas L. Miller  
Deputy Commissioner  
Management and Administration



Date: February 15, 1989

To: Interested Persons

From: Ruth E. McBurney, C.H.P., Administrator *REM*  
Standards Branch  
Division of Licensing, Registration  
and Standards  
Bureau of Radiation Control

Subject: Proposed Regulatory Guide

Enclosed for your review and comment is proposed Regulatory Guide 2.9, "Guide for the Preparation of Applications for Industrial Radiography Examination." Written comments on the proposed guide should be submitted to:

Cynthia C. Weber  
Bureau of Radiation Control  
Texas Department of Health  
1100 West 49th Street  
Austin, Texas 78756-3189

Comments are due by March 17, 1989.

Your input is appreciated.

Enclosure

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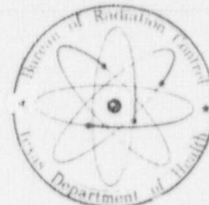
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Certified By *Mary C. Hood*

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BUREAU OF RADIATION CONTROL  
**REGULATORY GUIDE**  
TEXAS DEPARTMENT OF HEALTH



REGULATORY GUIDE 2.9

GUIDE FOR THE PREPARATION OF APPLICATIONS FOR  
INDUSTRIAL RADIOGRAPHY EXAMINATION

I. Introduction

The Texas Regulations for Control of Radiation (TRCR) 31.20(b)(4) and (5) require that anyone acting as a radiographer in the State of Texas after January 1, 1988, must successfully complete an Agency-administered examination and possess a current I.D. card. This guide describes the examination process and the procedures for completing and submitting the examination application.

II. Industrial Radiography Examination

Three types of examinations are offered: Radioactive Materials Only; X-Ray Machines Only; and Both Radioactive Materials and X-Ray Machines. Each three-hour examination will consist of 125 multiple choice questions with four possible choices, only one of which is correct. The examinations will cover only the topics outlined in TRCR Appendix 31-A.

Each examination will be administered once a month and all examinations will be administered in Austin. The Agency develops examination schedules twice a year. The Industrial Radiography Examination Schedule contains examination dates for six months and the corresponding deadlines for submitting applications. Also included is the examination location and a map. Every current industrial radiography licensee and registrant will be sent a schedule twice each year. Schedules may also be obtained by contacting the Standards Branch (512/835-7000).

Examination registration begins at 12:30 p.m. on each examination date and involves checking photo I.D.'s and taking photos for the industrial radiography I.D. card issued pursuant to TRCR 31.21(c). The applicant should arrive early enough to allow sufficient time to complete the registration. All examinations will begin at 1:30 p.m. No individual who arrives after 1:30 p.m. will be permitted to take the examination that day.

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TEXAS DEPARTMENT OF HEALTH, BUREAU OF RADIATION CONTROL, REGULATORY GUIDES

Regulatory Guides are issued to describe and make available to the public acceptable methods of implementing specific parts of Texas Regulations for Control of Radiation, to delineate techniques used by the staff in evaluating specific problems or postulated accidents, or to provide guidance to applicants, licensees, or registrants. Regulatory Guides are not substitutes for regulations, and compliance with them is not required. Methods and solutions different from those set out in the guides will be acceptable if they provide a basis for the Bureau of Radiation Control, Texas Department of Health, to make necessary determinations to issue or continue a license or certificate of registration.

Comments and suggestions for improvements in these Regulatory Guides are encouraged at all times, and they will be revised, as appropriate, to accommodate comments and to reflect new information or experience. Comments should be sent to the Administrator, Standards Branch, Bureau of Radiation Control, Texas Department of Health, 1100 W. 49th Street, Austin, Texas 78756.

Requests for single copies of issued guides (which may be reproduced) should be made in writing to the Bureau of Radiation Control, Texas Department of Health, 1100 W. 49th Street, Austin, Texas 78756.



On the day of the examination, the applicant must present a photo I.D. (e.g., Texas Driver's License) and should bring a #2 pencil and a calculator. Calculators or computers with preprogrammed data or formulas, including exposure calculators, will not be permitted.

The following four resources have been used in the development of each examination and may be used for study purposes:

1. TRCR Part 31.
2. TRCR Part 21 (21.1; 21.101 - 21.105; 21.201 - 21.207; 21.401 - 21.408).
3. Working Safely in Gamma Radiography, NUREG/BR-0024; Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, Washington, D.C., September 1982.
4. NDT Radiography Text for DuPont's Education Program for Certification; Washington, D.C., March 1968.

The last two resources are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or from the American Society for Non-Destructive Testing, Inc., 4153 Arlingate Plaza, Caller #28518, Columbus, Ohio 43228-0518 (telephone: 1-800-222-ASNT).

Any individual observed by a proctor to be compromising the integrity of the examination will be required to surrender the examination booklet, the answer sheet, and any scratch paper. Such individual will not be allowed to complete the examination, will forfeit the \$50.00 examination fee, and will be asked to leave the examination site to avoid disturbing other examinees. Such individual may resubmit an application and the \$50.00 examination fee to take the examination after three months.

### III. Completing the Examination Application

Attached to this guide is TRC Form 31-3, "Application for Industrial Radiography Examination." You may make as many copies of the application as necessary. **Note:** This is a two-sided application and both sides must be completed before submitting it to the Agency.

On the back side of the application, there is an item entitled, "Industrial Radiography Examination Date Preferences." It is very important that you designate your first, second, and third choices for an examination date. Refer to the Industrial Radiography Examination Schedule for the appropriate examination dates. Since space is limited for each examination, the dates will be assigned on a first-come, first-serve basis as the applications are received by the Agency. Every effort will be made to honor your first choice. The Agency will send each applicant a Confirmation Letter verifying the assigned examination date with a map, address, and telephone number of the examination location. If you are unable to take the examination on the assigned date, please notify the Agency before the day of the examination.

If you fail to notify the Agency, you will forfeit your fee and be required to resubmit a new application, three new examination date choices, and a new \$50.00 non-refundable fee

The application must be accompanied by a \$50.00 non-refundable fee. Make your check payable to the Texas Department of Health, and send both the fee and application: Texas Department of Health, Bureau of Radiation Control, 1100 West 49th Street, Austin, Texas 78756-3189. **If you do not submit your fee, the application will be returned.**

There is a deadline for submitting your application depending upon which date you choose to take the examination. The deadline dates are listed on the Industrial Radiography Examination Schedule. These deadlines allow the Agency time to process your fee and to notify you of your assigned examination date. **Example:** If your application is received after the deadline for your first examination choice, the Agency will not consider your first choice because the application was received after the deadline date and will schedule you for your second examination choice. You may, however, submit your application as early as you wish for any of the examinations.

#### IV. Examination Results

Examination results will be mailed to you usually within one week after the examination date. If you did not successfully complete the examination, you will receive your score and an application which you may use to reapply for the next available examination. If you pass the examination, you will receive your score and your I.D. card, which will be sent to you by certified mail.

If there is an error in the information on your I.D. card, return the card to the Agency with a letter specifying the necessary correction. A replacement I.D. card with the appropriate correction will be sent to the Agency's regional office nearest you for your signature. The Agency will call you and provide you with that office's telephone number and the name of the regional inspector to contact. You can make arrangements with that inspector to sign your replacement card. Once you have signed your card, it will be returned to the Austin office for processing. Your I.D. card will be sent to you by certified mail.