

# Spec<sup>▲</sup>trum

Source Production & Equipment Co., Inc.

## Special Points of Interest

- Changes in DOT Reg
- SPEC-300 CO-60 Unit
- Decay Charts Now Include Gbq Amounts
- New Facility
- New Blue Conduit
- Enhanced Website
- Electronic Catalog

**"Most domestic and international air carriers will adopt the changes on July 1, 2001."**

## Changes in DOT Regulation Regarding Transportation of Radioactive Material—Mandatory Modifications to Markings of Type B Packages

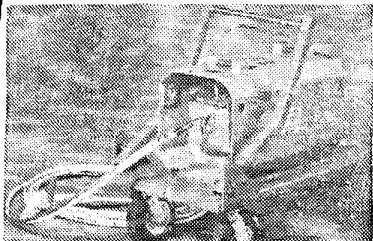
Due to changes in regulation regarding the transportation of radioactive material, it will become mandatory to modify the markings (nameplates) on Type B packages, including the SPEC-150, SPEC-300 and SPEC 2-T exposure devices. **The proper shipping name will change from "Radioactive Material, Special Form, n.o.s. UN 2974" to "Radioactive Material, Type B(U) Package , UN 2916."**

Although the US Department of Transportation has published these new rules effective January 1, 2001, the final implementation date has not yet been determined. Therefore, at this time, either shipping name is acceptable.

However, **most domestic and international air carriers (INCLUDING FEDERAL EXPRESS) will adopt the changes on July 1, 2001.**

We are in the process of making necessary changes to the nameplate markings and provisions that will assist you in complying with this regulation change. Please be reminded that it is the shipper's responsibility to comply with all USDOT and USNRC transportation regulations (not the manufacturer of the package). Please contact our Sabs Department at 504-464-9471 so that proper arrangements can be made to help you comply with this new transportation requirement.

## SPEC-300 CO-60 Device Approved with No Overpack Required



SPEC-300 Devices and SPEC Model G-70 Co-60 sources are now available. The G-70 source is approved for a maximum of 300 curies (USDOT Certificate of Competent Authority USA/0566/S).

Louisiana Registration Sheet No.LA-0612-D-112-S and USNRC Certificate of Compliance & USDOT Certificate of Competent Authority No.

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## Product/Service Information

### New Improved Blue Conduit

We are introducing an improved conduit which will replace the silver conduit previously used as the drive on the SPEC-150 systems. The yellow conduit is still available for those who prefer yellow/yellow controls.

### Decay Graphs Now Include Gbq Amounts

Decay graphs for spec-manufactured sources will now include a column showing the Gbq amounts, in addition to curie strengths. The change will make it easier for users to

fill out Dangerous Goods Forms and Yellow II & III labeling.

### Electronic Catalog to be Distributed March 2001

SPEC customers will soon receive a copy of the March 2001 product catalog by mail. The catalog was produced on a CD and is website-based. It can be viewed on any computer using Internet Explorer. To view certificates and manuals a copy of Adobe Acrobat Reader is needed. A link to Adobe reader is included on the CD. Updated pricing on some of our products is included. You will note that several items will remain at the prices in effect since 1997.

### SPEC Model G-80 Cobalt-60 Sources for use in Sentinel 680

The SPEC Model G-80 Co-60 source had been approved for 50 curies. Future approval for a 100 curie G-80 is expected.

To comply with the latest revision dated December 10, 1999 to Massachusetts Registry Sheet No. MA-0628-D-137-S for the Sentinel 680 device, the use of a protective box during transport and use of the device is required. Please contact Sentinel for availability of protective boxes.

## Website Enhancement

SPEC's website was completely changed in early September 2000, with the addition of several new features.

A new section titled "Links" contains direct links to

several sites useful to the radiography industry, such as USNRC & USDOT homepages. All certificates and operating manuals for spec-manufactured equipment are also available, as well as source and device



registration sheets. Take a look at [www.spec150.com](http://www.spec150.com).

## SPEC-300 Device Approval (Cont'd from Pg 1)

USA/9282/B(U)-85, allow the SPEC-300 to be used & transported without a protective overpack. At 100 curies, the SPEC-300 can be transported without an overpack as a Radioactive Yellow II shipment.

### Safety Features

The SPEC-300 has convenient holes located on the sides near the top corners (4 total) providing a sturdy means to attach a security harness or permanent installation mounts. Two pivoting lifting eyes are located on top

of the device for attaching lifting cables, harness or other lifting attachments. The SPEC-300 uses the same safe & reliable ASM/Lock Module Assembly as the SPEC-150. The ASM/Lock Module Assembly can be replaced without removing the source from the device.

### Specifications

Construction: Fully welded stainless steel  
 Weight: 780 lbs  
 Shield: DU 500 lbs (227 kg)  
 Length: 26"  
 Width: 14"

Height: 15"  
 Capacity: Co-60 300 curies (11,100 Gbq)  
 Source: Spec Model G-70

For a demonstration of the SPEC-300 visit us at the NDTMA Conference on February 12-14, 2001 and at the ASNT Spring Conference on March 26-28, 2001. For additional information see our website @ [www.spec150.com/spec-300.htm](http://www.spec150.com/spec-300.htm) or call us at 504-464-9471.

## New Production Facility Acquired

We are proud to announce the purchase of an additional building to meet the growing needs of our Production & Quality Assurance Departments. The new facility will enhance our production and

repair capabilities. All current contact information (phone numbers & mailing, shipping addresses) will remain the same. The new facility will house our manufacturing operations.

**“We’re expanding to meet the growing needs of our customers.”**

## Visit us at these upcoming conferences

NDTMA Conference  
 Las Vegas, Nevada  
 February 12-14, 2001

ASNT Spring Conference  
 Denver, Colorado  
 March 26-28, 2001

PACNDT/ICPIIT - 2nd Pan American Conference for Nondestructive Testing (PACNDT) and the International Chemical and Petroleum Industry Inspection Technology (ICPIIT) VII Topical Conference Houston, Texas  
 June 18-20, 2001.

We look forward to you stopping by our exhibit and saying “hello”. Please ask for a demonstration of the new SPEC-300 Co-60 device and equipment and sources that we make for other devices.



SOURCE PRODUCTION & EQUIPMENT CO., INC.

113 Teal Street  
St. Rose, LA 70087 USA

Phone: 504-464-9471  
Fax: 504-467-7685  
Email:spec@spec150.com

## **Proposed Radiography Regulations to be discussed by USNRC at NDTMA Conference in February 2001**

The Nondestructive Testing Management Association (NDTMA) has scheduled its annual conference for February 12-14, 2001 at Caesars Palace in Las Vegas Nevada. The two-day conference will feature sessions on technical, management and regulatory issues relevant to managing your NDT business. Included in the pro-

gram is a session where a representative from the USNRC will interact with participants regarding pending and proposed radiography regulations. The conference will also feature table-top exhibits and ample opportunities to network with other NDT business leaders. Detailed information can be found at the NDTMA website

([www.ndtma.org](http://www.ndtma.org)), by contacting NDTMAS at 504-785-5271, or by contacting SPEC at 504-464-9471. The NDTMA was formed over thirty years ago to provide a forum for the open exchange of managerial, technical and regulatory management of NDT personnel and activities.