

spec^{tr}um

A Quarterly Publication of Source Production & Equipment Co., Inc.
Kevin J. Schehr, Editor

Catch A Wave and Surf The Web With SPEC

SPEC joins the web to enhance our service capabilities to you. The Spec website will enable customers to place orders, download product information, users manuals and emergency response information.

The product information which will be available to you will include spec sheets on devices and accessories. Return shipping instructions for radioactive and/or empty packages being sent to SPEC will also be at your fingertips.

SPEC-150, SPEC 2-T and SPEC C-1 Operating Manuals will be accessible also. You may even download these to temporary jobsite locations such as offshore.

Perhaps the biggest advantage will be the ability to obtain transportation incident emergency response information on the spot 24 hours a

day, 7 days a week.

Orders can be placed directly while visiting our website, eliminating costly phone and fax expenses. Remember, conducting business through the Internet will significantly reduce your expenses while giving you the ability to send orders and correspondence to specific personnel within the organization.

Our website should be completed by late October. Visit us at <http://www.spec150.com>

NEW SPEC DEALERS - Newco, Inc., NDT Products Ltd. and Industrial Radiography Maintenance & Supply

In a continuing effort to provide you with superior service, SPEC is adding dealers. We have chosen the top performers in their respective territories. Most of you will probably already recognize the companies.

I am pleased to introduce Newco, Inc., our newest dealer. Newco's territory is the southeastern United States which consists of South Carolina, Georgia, Florida, Alabama Tennessee and Mississippi.

Newco is one of the top suppliers of NDT products in the South. They are dedicated to providing exceptional customer service and product knowledge. Newco has two locations to serve you:

Newco of South Carolina
P.O. Box 4013
Florence, SC 29502
Phone: 803-669-2988
FAX: 803-664-0197

Newco of Florida
P.O. Box 616051
Orlando, FL 32861-6051
Phone: 407-293-7700
FAX: 407-290-0203

We would like to welcome aboard our newest international dealer, Nondestructive Testing (NDT) Products of Canada. The President of the company is Brian Munro. Brian and his staff will be glad to assist you with all of your NDT product needs. You may contact them at:

NDT Products Ltd.
389 Davis Road
Oakville, Ontario L6J 2X2
CANADA
Phone 905-844-4939
Fax 905-845-9551

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points by curling at any point suspected into a 3" diameter coil. Anywhere along the length of the cable should pass this test without bending or kinking. A light coat of surface rust is acceptable provided the flexibility is not affected.

Cables which are acceptable should be coiled and placed into a cleaning tub. Pour degreaser into the cleaning tub. Fill the tub enough to cover the drive cable plus ½ inch. Let the cable soak in the degreaser for approximately 1 hour, shaking the cable vigorously every 15 minutes to dislodge dirt and work the degreaser into the cable. Run a Stiff bristle brush over the cable to dislodge any loose particles. Dip the cable back into the degreaser and agitate it vigorously for one minute.

Lay the cable out on a flat surface and dry it thoroughly with compressed air.

Coil the cable and place it into the galvanized lube tub. Pour enough Houghto-quench G into the tub to completely cover the drive cable. Soak the cable in the lubricant for at least ½ hour. Remove the coil of cable and suspend it above the tub for at least 4 hours, to drain the excess lubricant. Excess lubricant may also be spun out of the cable by use of a centrifuge for 3 minutes. Blow Excess oil from cable using oil free air, not exceeding 25 psi. Wipe cable with a dry, clean, lint free cloth.

Lubricate the cable with Dow Corning DC33 Silicone Grease (Light consistency). The grease will be applied by hand and should fill approximately 1/3 of the space between the core and the spiral wrap. Remove excess grease by running the drive cable through a clean hand

held rag.

NOTE: The inside of the conduit may require cleaning prior to reassembly.

Regulatory Issues

This section is to disseminate information on regulatory issues that SPEC feels will be helpful to our customers. We would like to get your perspective on how the regulations affect your business.

We envision using this information to further the cause of efficient and reasonable rules and regulations, as well as helping to make radiography safer.

SPEC resumes fabrication and distribution of Type B packages.

In June, 1997, the USNRC halted fabrication of Type B radiographic packages by most US producers. SPEC's fabrication suspension, which ended July 23, 1997 was in effect while SPEC conducted additional testing and the USNRC conducted an inspection of SPEC's facilities and QA program. **The tests again confirm that SPEC devices exceed safety requirements by a wide margin.**

Background: In late May/early June, the USNRC made a telephone inquiry to SPEC regarding the method used to mount a steel pin which served as the test target for the 1 meter puncture test. This test is part of the qualification requirements for Type B packages. The USNRC conducted an inspection of SPEC on June 16-19, 1997 and

concluded that the pin had not been "rigidly" mounted to the test target. This conclusion was reached despite the fact that the USNRC witnessed the tests firsthand on the SPEC-150 when they were conducted over two years ago. SPEC volunteered to retest all three SPEC Type B packages -the SPEC-150 radiography device, the SPEC 2-T radiography device used in overseas markets and Washington State, and the SPEC C-1 Source Changer. All tests were successfully completed by SPEC in the presence of the USNRC on June 26, 1997.

The USNRC continued their inspection on July 9-10, 1997, with the focus shifted to SPEC's QA program. All noncompliance noted by the USNRC was evaluated by SPEC. Corrective actions were then developed and implemented. A report detailing these actions was submitted to the USNRC on July 21, 1997. Based on this report, the USNRC authorized SPEC to resume fabrication of Type B packages on July 23, 1997.

In summary, the USNRC has concluded that all three of SPEC's Type B packages meet all of the criteria specified in the applicable regulations and specifications. The USNRC confirmed that the SPEC exposure devices and source changer are completely safe. No changes or modifications to any SPEC product are required. Whether the device was manufactured last month, last year, or two years ago, it continues to meet the rigorous standards required for safely transporting radioactive materials and performing radiographic inspections.

We believe that SPEC produces the most inherently safe -by virtue of their design -and durable exposure devices on the market today.

Our dealer for the Louisiana area is now Industrial Radiography Maintenance & Supply (IRMS), located in Amelia, Louisiana. IRMS, owned and operated by Don Ducote, offers a complete line of industrial radiography products and Iridium sources. You may contact them at the address below.

Industrial Radiography
Maintenance & Supply
P.O. Box 119
1128 Jackson Road
Amelia, LA 70340
Phone 504-631-0354
Fax 504-631-0752

Existing SPEC customers in Louisiana should still call us direct with their orders.

Service Information

Leak Tests Analysis Available on Iridium-192, Cobalt-60, Depleted Uranium and Cesium-137.

Leak tests for iridium, cobalt, depleted uranium and cesium are conducted by the SPEC Service Department.

Letters to SPEC

This section is for response to customer letters, including complaints. I look forward to receiving your letters and faxes. This will enable everyone to benefit from a question or comment that you may have.

This section will also help SPEC determine what existing products and

services need improvement and which new services and products we need to provide.

Dear Spec:

One of the special tools you sent to change out a SPEC-150 lock module broke. I suggest you either build the tools of better quality or build the device in such a way that we can work on them with regular tools.

REPLY: Thanks for the suggestion, we have modified the design of the wrench which you are referring to which will greatly increase its strength.

Helpful Hints

This section will contain hints on maintenance, operation, etc. of SPEC exposure devices and equipment.

The following information is provided to users of Source Production and Equipment Company SPEC-150 and SPEC 2-T controls with Teleflex 5222 drive cables. The cleaning and lubrication information was developed by Triumph Controls, Inc., North Wales, PA. SPEC makes no claims as to the suitability of this procedure and offers no other warranties except those expressly contained in SPEC purchase documents.

CLEANING AND LUBRICATION OF TELEFLEX 5222 CABLE

TOOLS/MATERIALS REQUIRED:

- Dow Corning DC33 Silicone Grease (Light Consistency)
- Houghton-quench G lubricant by Houghton International, Inc.
- A degreaser such as Varsol or

Mineral Spirits

- Access to compressed air
- A hard bristle brush
- A galvanized 10/20 gallon tub for lubrication soaking.
- A galvanized 10/20 gallon tub or a standard parts washer for cleaning the cable
- Clean rags

SAFETY:

The degreaser specified is a combustible liquid and emits combustible vapors. Consult the Material Safety Data Sheets on the degreaser used as well as the other materials used in this procedure and take the necessary precautions for handling, breathing, ventilation and disposal.

PROCEDURE:

New Cable

Before inserting the drive cable into the drive conduit, lubricate the cable with Dow Corning DC33 Silicone Grease (Light Consistency). The grease will be applied by hand and should fill approximately 1/3 of the space between the core and the spiral wrap. Remove excess by running the drive cable through a clean hand held rag.

Used Cable

Follow the following steps for inspection, cleaning and lubricating:

Disassemble the controls and remove the drive cable from the conduit. Visually inspect and reject the cable for damage such as unwinding, nicks which would cause a stress point or excessive rust which would cause embrittlement. Check for embrittlement/flexibility and stress

Industry Events

This section is to keep you informed of industry events and to encourage attendance at important industry events.

The next **NDTMA** conference will be held at Caesars Palace, Las Vegas, NV from February 16-18, 1998. Contact *George Moran* for details (504-464-9471)



Source Production & Equipment Co.
113 Teal Street
St. Rose, LA 70087
(504) 464-9471

ASNT Fall 1997 Conference

Look for SPEC in booth 505 at the ASNT Fall Conference held in Pittsburgh, PA. The conference is in the Double Tree Hotel and David L. Lawrence Convention Center from October 20-24, 1997. The theme of this conference is *NDT - Keystone of Quality*. Contact *Tina O'Donnell* at ASNT for details (800-222-2768)

Free Passes for the show are available from SPEC. Contact the Sales Dept if you are interested.
