

# **EXHIBIT 67**

## Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth  
in the attached have been made a part of the  
records of the Copyright Office with claim  
of copyright registered under number

In testimony whereof, the seal of this office  
is affixed hereto on



**TX 2-866-002**

**October 2, 2019**

*Kary A. Lundy*

United States Register of Copyrights and Director



# FORM SE

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER **TX 2-866-002**

EFFECTIVE DATE OF REGISTRATION

Month **7** Day **33** Year **90**

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL ▼

1990 Annual Book of ASTM Standards: **WATER (1)**

Volume ▼

**11.01**

Number ▼

**11**

Date on Copies ▼

**APRIL 1990**

Frequency of Publication ▼

**ANNUAL**

PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼

**American Society for Testing and Materials**

Was this contribution to the work a "work made for hire"? ☒ Yes ☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of **United States**  
Domiciled in

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed ▼

☐ Collective Work ☐ Other

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire"? ☐ Yes ☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of  
Domiciled in

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DATES OF BIRTH AND DEATH

Year Born ▼

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OR { Citizen of  
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WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed ▼

☐ Collective Work ☐ Other

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
**1990**

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if this work has been published.

Month **5** Day **15** Year **90**

**U.S.A.**

Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2.▼

**American Society for Testing & Materials  
1916 Race Street  
Philadelphia, PA 19103**

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.▼

DO NOT WRITE HERE  
OFFICE USE ONLY

APPLICATION RECEIVED

**JUL 23 1990**

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

**JUL 23 1990**

REMITTANCE NUMBER AND DATE

MORE ON BACK ▶

• Complete all applicable spaces (numbers 5-11) on the reverse side of this page.  
• See detailed instructions. • Sign the form at line 10.

DO NOT WRITE HERE

Page 1 of 1

## NOTE

Under the law the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). For any part of this work that was "made for hire" check "Yes" in the space provided; give the employer (or other person for whom the work was prepared) as "Author" of that part and leave the space for dates of birth and death blank.

See instructions before completing this space



EXAMINED BY

FORM SE

CHECKED BY

☐ CORRESPONDENCE  
YesFOR  
COPYRIGHT  
OFFICE  
USE  
ONLY☐ DEPOSIT ACCOUNT  
FUNDS USED

TX 2-866-002

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼a. ☐ This is the first published version of an issue previously registered in unpublished formb. ☐ This is the first application submitted by this author as copyright claimant.c. ☒ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 2 608 389

1989

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates ▼

1988 Annual Book of ASTM Standards, Section 11 Volume 11.0

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed ▼

Compilation of previous published text plus additional text.

MANUFACTURERS AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.

Names of Manufacturers ▼

Places of Manufacture ▼

Waverly Press, Inc.

Easton, MD

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols), or (2) phonorecords embodying a fixation of a reading of that work, or (3) both

a ☒ Copies and Phonorecordsb ☐ Copies Onlyc ☐ Phonorecords Only

See instructions

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address Apt/City/State/Zip ▼

R. L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code &amp; Telephone Number ▼

(215) 299-5431

CERTIFICATION\* I, the undersigned, hereby certify that I am the

Check one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s) American Society☒ authorized agent of for Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 6-1-90

Handwritten signature (X) Robert L. Meltzer

MAIL  
CERTIFI-  
CATE TOCertificate  
will be  
mailed in  
window  
envelope

Name ▼

Kathleen M. Hooper

Number/Street/Apartment Number ▼

ASTM, 1916 Race Street

City/State/ZIP ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights,  
Library of Congress, Washington,  
D.C. 20559

\* 17 U.S.C. § 505(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.



# **EXHIBIT 68**

REGISTRATION NUMBER

TX

1-152-729

TX

TXU

EFFECTIVE DATE OF REGISTRATION

APR 18 1983

(Month)

(Day)

(Year)

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE CONTINUATION SHEET (FORM TX/CON)

1 Title	<b>TITLE OF THIS WORK:</b> 1983 Annual Book of ASTM Standards Section 6 Volume 06.03 Paint Fatty Oils and Acids, Solvents		<b>PREVIOUS OR ALTERNATIVE TITLES:</b>
	Is a periodical or serial give Vol. No. Issue Date		
	<b>PUBLICATION AS A CONTRIBUTION:</b> (If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared.)		
	Title of Collective Work	Vol. No. Date	Pages

2 Author(s)	<b>IMPORTANT:</b> Under the law, the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). If any part of this work was "made for hire" check "Yes" in the space provided, give the employer (or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates blank.			
	1	<b>NAME OF AUTHOR:</b> American Society for Testing and Materials		<b>DATES OF BIRTH AND DEATH:</b> Born (Year) Died (Year)
		Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No		
		<b>AUTHOR'S NATIONALITY OR DOMICILE:</b> Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)		
		<b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution) Entire Text		<b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b> Anonymous? Yes No Pseudonymous? Yes No If the answer to either of these questions is "Yes," see detailed instructions attached.
	2	<b>NAME OF AUTHOR:</b> Was this author's contribution to the work a "work made for hire"? Yes No		<b>DATES OF BIRTH AND DEATH:</b> Born (Year) Died (Year)
		<b>AUTHOR'S NATIONALITY OR DOMICILE:</b> Citizen of (Name of Country) } or { Domiciled in (Name of Country)		
		<b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)		
		<b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b> Anonymous? Yes No Pseudonymous? Yes No If the answer to either of these questions is "Yes," see detailed instructions attached.		
	3	<b>NAME OF AUTHOR:</b> Was this author's contribution to the work a "work made for hire"? Yes No		<b>DATES OF BIRTH AND DEATH:</b> Born (Year) Died (Year)
		<b>AUTHOR'S NATIONALITY OR DOMICILE:</b> Citizen of (Name of Country) } or { Domiciled in (Name of Country)		
		<b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)		
	<b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b> Anonymous? Yes No Pseudonymous? Yes No If the answer to either of these questions is "Yes," see detailed instructions attached.			

3 Creation and Publication	<b>YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED:</b> Year 1983 (This information must be given in all cases.)	<b>DATE AND NATION OF FIRST PUBLICATION:</b> Date February 15 1983 (Month) (Day) (Year) Nation United States (Name of Country) (Complete this block ONLY if this work has been published.)
-------------------------------	--	---

4 Claimant(s)	<b>NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):</b> American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
	<b>TRANSFER:</b> (If the copyright claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.)



TX 1-152-729	EXAMINED BY CHECKED BY <i>J. M. M.</i>	APPLICATION RECEIVED 18 APR 1983 09 AUG 1983	FOR COPYRIGHT OFFICE USE ONLY
	CORRESPONDENCE <input checked="" type="checkbox"/> Yes	DEPOSIT RECEIVED 18 APR 1983 18 APR 1983	
	DEPOSIT ACCOUNT FUNDS USED <input type="checkbox"/>	REMITTANCE NUMBER AND DATE 186981 APR 1883	

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED ADDITIONAL SPACE, USE CONTINUATION SHEET (FORM TX/CON)

<b>PREVIOUS REGISTRATION:</b> <ul style="list-style-type: none"> <li>Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office? Yes <input checked="" type="checkbox"/> No</li> <li>If your answer is "Yes," why is another registration being sought? (Check appropriate box) <ul style="list-style-type: none"> <li><input type="checkbox"/> This is the first published edition of a work previously registered in unpublished form.</li> <li><input type="checkbox"/> This is the first application submitted by this author as copyright claimant.</li> <li><input checked="" type="checkbox"/> This is a changed version of the work, as shown by line 6 of this application.</li> </ul> </li> <li>If your answer is "Yes," give: Previous Registration Number TX 915-149 Year of Registration 1982</li> </ul>	<b>5</b> Previous Registration
---	-----------------------------------

<b>COMPILATION OR DERIVATIVE WORK:</b> (See instructions) <p>PREEXISTING MATERIAL: (Identify any preexisting work or works that this work is based on or incorporates.)</p> <p>{ 1982 Annual Book of ASTM Standards Part 29</p> <p>MATERIAL ADDED TO THIS WORK: (Give a brief, general statement of the material that has been added to this work and in which copyright is claimed.)</p> <p>{ Compilation of previously published text plus additional text.</p>	<b>6</b> Compilation or Derivative Work
--	--

<b>MANUFACTURERS AND LOCATIONS:</b> (If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.)	<b>7</b> Manufacturing				
<table border="0"> <tr> <td>NAMES OF MANUFACTURERS</td> <td>PLACES OF MANUFACTURE</td> </tr> <tr> <td>Waverly Press, Inc.</td> <td>Easton, MD</td> </tr> </table>	NAMES OF MANUFACTURERS	PLACES OF MANUFACTURE	Waverly Press, Inc.	Easton, MD	
NAMES OF MANUFACTURERS	PLACES OF MANUFACTURE				
Waverly Press, Inc.	Easton, MD				

<b>REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS:</b> (See instructions) <ul style="list-style-type: none"> <li>Signature of this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.</li> </ul> <p><input checked="" type="checkbox"/> Copies and phonorecords      <input type="checkbox"/> Copies Only      <input type="checkbox"/> Phonorecords Only</p>	<b>8</b> License For Handicapped
---	-------------------------------------

<b>DEPOSIT ACCOUNT:</b> (If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.) Name: _____ Account Number: _____	<b>CORRESPONDENCE:</b> (Give name and address to which correspondence about this application should be sent.) Name: Robert L. Meltzer, ASTM Address: 1916 Race Street Philadelphia, PA 19103 (City) (State) (Zip)	<b>9</b> Fee and Correspondence
---	---	------------------------------------

<b>CERTIFICATION:</b> * I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing and Materials <input type="checkbox"/> author <input type="checkbox"/> other copyright claimant <input type="checkbox"/> owner of exclusive right(s) <input checked="" type="checkbox"/> authorized agent of of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge. Handwritten signature: (X) <i>Robert L. Meltzer</i> Typed or printed name: Robert L. Meltzer Date: 3/17/83	<b>10</b> Certification (Application must be signed)
---	---

<div style="border: 1px solid black; padding: 10px; margin: 10px;"> American Society for Testing and Materials  (_____  1916 Race Street  (_____  Philadelphia, Pa 19103  (_____  (City) (State) (ZIP code) </div>	<b>MAIL CERTIFICATE TO</b> (Certificate will be mailed in window envelope)	<b>11</b> Address For Return of Certificate
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# **EXHIBIT 69**



TX 4-145-800



#TX0004145800#

EFFECTIVE DATE OF REGISTRATION

8 30 95  
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS SERIAL ▼

1995 Annual Book of ASTM Standards;

Rubber, Natural and Synthetic - General Test Methods  
Carbon Black

Volume ▼

Number ▼

Date on Copies ▼

Frequency of Publication ▼

09

01

July 1995

Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2 NAME OF AUTHOR ▼

American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼ United States

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either  
of these questions is  
"Yes," see detailed  
instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work

Other:

Entire Text

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"?  
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☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

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☐ Collective Work

Other:

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Year Born ▼ Year Died ▼

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☐ No

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Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

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☐ Collective Work

Other:

3 YEAR IN WHICH CREATION OF THIS  
ISSUE WAS COMPLETED

1995

Year

This information  
must be given  
in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information  
ONLY if this work  
has been published.

Month August Day 24 Year 1995  
U.S.A.

Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the  
same as the author given in space 2. ▼

American Society for Testing & Materials  
1916 Race Street  
Philadelphia, PA 19103-1187

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named  
in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

APPLICATION RECEIVED

AUG 30 1995

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

AUG 30 1995

REMITTANCE NUMBER AND DATE

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MORE ON BACK ►

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page
- See detailed instructions
- Sign the form at line 10

DO NOT WRITE HERE

Page 1 of 2 pages

EXAMINED BY

FORM SE

CHECKED BY

☐ CORRESPONDENCE  
Yes
FOR  
COPYRIGHT  
OFFICE  
USE  
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
a. ☐ This is the first published version of an issue previously registered in unpublished formb. ☐ This is the first application submitted by this author as copyright claimantc. ☐ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX# 3-883-981 1994

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1994 Annual Book of ASTM Standards, Section 09, Volume 01.

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Compilation of previous published text plus additional text.

—space deleted—

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

☒ Copies and Phonorecords

☐ Copies Only

☐ Phonorecords Only

See instructions

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼ American Society for Testing and Materials Account Number ▼

# DA 078328

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

Robert L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA

19103-1187

Area Code &amp; Telephone Number ▶ 215-299-5431

Be sure to  
give your  
daytime phone  
number

CERTIFICATION\* I, the undersigned, hereby certify that I am the

Check one ▶

☐ author

☐ other copyright claimant

☐ owner of exclusive right(s)

☒ authorized agent of American Society

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▶

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date

August 14, 1995

Handwritten signature (X) ▼

MAIL  
CERTIFI-  
CATE TOCertificate  
will be  
mailed in  
window  
envelope

Name ▼

Kathe Hooper, ASTM

Number Street Apartment Number ▼

1916 Race Street

City State ZIP ▼

Philadelphia, PA 19103-1187

 • Complete all necessary spaces  
 • Sign your application in space 10

 1. Application form  
 2. Nonrefundable \$20 filing fee  
 in check or money order  
 payable to Register of Copyrights  
 3. Deposit material

 Register of Copyrights  
 Library of Congress  
 Washington, D.C. 20559

\* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

December 1990—75,000

U.S. GOVERNMENT PRINTING OFFICE: 1990—282-170-20,005



# **EXHIBIT 70**

## Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth  
in the attached have been made a part of the  
records of the Copyright Office with claim  
of copyright registered under number

In testimony whereof, the seal of this office  
is affixed hereto on



TX 3-840-415

October 1, 2019

A handwritten signature in blue ink, reading "Kay A. Leahy".

United States Register of Copyrights and Director



# FORM SE

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 3-840-415

EFFECTIVE DATE OF REGISTRATION

5 27 94  
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

**1**  
TITLE OF THIS SERIAL  
1994 Annual Book of ASTM Standards: *Petroleum Products, Lubricants, AND Fossil Fuels: Petroleum Products AND Lubricants (1): 656 - 6596*

Volume ☒ Number ☒ Date on Copies ☒ Frequency of Publication ☒  
05 01 February 1994 Annual  
PREVIOUS OR ALTERNATIVE TITLES ☒

**2**  
NAME OF AUTHOR ☒  
American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born ☒ Year Died ☒

Was this contribution to the work a "work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR Citizen of ☒ United States  
Domiciled in ☒

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.  
☐ Collective Work ☒ Other Entire Text

NAME OF AUTHOR ☒

DATES OF BIRTH AND DEATH  
Year Born ☒ Year Died ☒

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR Citizen of ☐  
Domiciled in ☐

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NAME OF AUTHOR ☒

DATES OF BIRTH AND DEATH  
Year Born ☒ Year Died ☒

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR Citizen of ☐  
Domiciled in ☐

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
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Pseudonymous? ☐ Yes ☐ No  
If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.  
☐ Collective Work ☐ Other

**3**  
**4**  
YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
1994

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
Complete this information ONLY if this work has been published  
Month ☒ February Day ☒ 18 Year ☒ 1994  
U.S.A.

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American Society for Testing & Materials  
1916 Race Street  
Philadelphia, PA 19103-1187

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

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APR 19 1994  
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TWO DEPOSITS RECEIVED  
APR 18 1994  
REMITTANCE NUMBER AND DATE

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Page 1 of 2 pages



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**PREVIOUS REGISTRATION** Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? Check appropriate box(es) ☐a. ☐ This is the first published version of an issue previously registered or unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☐ This is a changed version of this issue, as shown by space 6 on this application.If your answer is "Yes," give: Previous Registration Number ☐

TXS. 3-512-412

Year of Registration ☐

1993

**DERIVATIVE WORK OR COMPILATION** Complete both space 6a & 6b for a derivative work, complete only 6b for a compilation.a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates ☐

1993 Annual Book of ASTM Standards, Section 05, Volume 01.

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed ☐  
**Compilation of previous published text plus additional text.**

—space deleted—

**REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS**

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

☒ Copies and Phonorecordsb. ☐ Copies Onlyc. ☐ Phonorecords Only**DEPOSIT ACCOUNT** If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account  
Name ☐ Account Number ☐**CORRESPONDENCE** Give name and address to which correspondence about this application should be sent: Name Address Apt. City State Zip ☐

Robert L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103-1187

Area Code & Telephone Number ☐ 215-299-5431**CERTIFICATION** I, the undersigned, hereby certify that I am theCheck one ☐☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of **American Society for Testing and Materials**Name of author or other copyright claimant: ☐ owner of exclusive right(s): ☐

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge

Typed or printed name and date ☐ If this application gives a date of publication in space 3, do not sign and submit it before that date

Robert L. Meltzer

date *March 10, 1974*Handwritten signature (X) ☐*Robert L. Meltzer*MAIL  
CERTIFICATE TO

Certificate will be mailed in window envelope

Name <input type="checkbox"/>	Kathe Hooper, ASTM
Number Street, Apartment Number <input type="checkbox"/>	1916 Race Street
City, State, ZIP <input type="checkbox"/>	Philadelphia, PA 19103-1187

1. Complete all necessary spaces  
2. Sign your application in space 1C

1. Application form  
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights  
3. Deposit materials

Register of Copyrights  
Library of Congress  
Washington, D.C. 20540

\* 17 USC § 304(e) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409 or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

December 1969—75,000

U.S. GOVERNMENT PRINTING OFFICE: 1969—282-170/20,005

# **EXHIBIT 71**



# CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

FORM SE  
For a Serial  
UNITED STATES COPYRIGHT OFFICE

TX 4-497-877



EFFECTIVE DATE OF REGISTRATION

JUN 24 1991

Month Day Year

*Marybeth Peters*

REGISTER OF COPYRIGHTS

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TITLE OF THIS SERIAL ▼

1997 Annual Book of ASTM Standards

*Water and Environmental Technology  
Water (1)*

Volume ▼

Number ▼

Date on Copies ▼

Frequency of Publication ▼

*11*

*03\**

*May '97*

Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼

American Society for Testing and Materials

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR { Citizen of ▼  
Domiciled in ▼ *United States*

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other: *Entire Text*

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1997 ◀ Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

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American Society for Testing & Materials  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

APPLICATION RECEIVED

JUN 24 1997

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TWO DEPOSITS RECEIVED

JUN 24 1997

REMITTANCE NUMBER AND DATE

MORE ON BACK ▶

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- See detailed instructions
- Sign the form at line 10

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Page 1 of 2 pages

NOTE

Under the law the author of a work made for hire is generally the employer not the employee (see instructions). For any part of this work that was made for hire check "Yes" in the space provided. Give the employer for other person for whom the work was prepared) as "Author" of that part and leave the space for dates of birth and death blank.

092431088





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**PREVIOUS REGISTRATION** Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. ☐ This is the first published version of an issue previously registered in unpublished form.
- b. ☐ This is the first application submitted by this author as copyright claimant.
- c. ☐ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TH# 4-857-523

1996

**DERIVATIVE WORK OR COMPILATION** Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. ▼  
1997 Annual Book of ASTM Standards, Section 11, Volume 01.

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼  
Compilation of previous published text plus additional text.

—space deleted—

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A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

a. ☒ Copies and Phonorecords

b. ☐ Copies Only

c. ☐ Phonorecords Only

See instructions

**DEPOSIT ACCOUNT** If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼ American Society for  
Testing and Materials

Account Number ▼ DA078328

**CORRESPONDENCE** Give name and address to which correspondence about this application should be sent. Name Address Apt City State Zip ▼

Robert L. Meltzer, ASTM  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

Area Code & Telephone Number ▼ 610-832-9632

**CERTIFICATION\*** I, the undersigned, hereby certify that I am the

Check one ▶

- ☐ author
- ☐ other copyright claimant
- ☐ owner of exclusive right(s)

☒ authorized agent of

American Society  
for Testing and Materials

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▼

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date ▶ June 19, 1997

Handwritten signature (X) ▼

Robert L. Meltzer

MAIL  
CERTIFI-  
CATE TO

Certificate  
will be  
mailed in  
window  
envelope

Name ▼	Judy Helm, ASTM
Number Street Apartment Number ▼	100 Barr Harbor Drive
City State ZIP ▼	West Conshohocken, PA 19428-2959

**YOU MUST**

- Complete all necessary spaces
- Sign your application in space 10

**SEND ALL 3 ELEMENTS  
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1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO  
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Library of Congress  
Washington, D.C. 20559

Copyright fees are adjusted at 5-year intervals, based on increases or decreases in the Consumer Price Index. The next adjustment is due in 1998. Contact the Copyright Office in January 1998 for the new fee schedule.

# **EXHIBIT 72**

TX 2 081 531

EFFECTIVE DATE OF REGISTRATION

5 28 87  
Month Day Year

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1 TITLE OF THIS SERIAL ▼ 1987 Annual Book of ASTM Standards, Water (I)

Volume ▼ Number ▼ Date on Copies ▼ Frequency of Publication ▼  
11.01 11 April 1987 Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2 NAME OF AUTHOR ▼  
American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"? ☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼ United States

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either  
of these questions is  
"Yes," see detailed  
instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other: Entire Text

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"? ☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either  
of these questions is  
"Yes," see detailed  
instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"? ☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either  
of these questions is  
"Yes," see detailed  
instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

3 YEAR IN WHICH CREATION OF THIS  
ISSUE WAS COMPLETED This information  
1987 4 Year must be given  
in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
Complete this information  
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has been published. Month ▼ April Day 29 Year 1987  
U. S. A. Nation

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American Society for Testing and Materials  
1916 Race Street  
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MAY 28 1987

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If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 1-R1A-323

1986

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1986 Annual Book of ASTM Standards Section 11, Volume 11.01

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Compilation of previous published text plus additional text.

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Names of Manufacturers ▼

Places of Manufacture ▼

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Easton, MD

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Name ▼

Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt./City/State/Zip ▼

R. L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code &amp; Telephone Number ▼

215-299-5431

Be sure to  
give your  
daytime phone  
number.

CERTIFICATION\* I, the undersigned, hereby certify that I am the

Check one ►

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent ofAmerican Society for  
Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ► 5/18/87



Handwritten signature (X) ▼

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will be  
mailed in  
window  
envelope

Name ▼

Kathe Scholl, ASTM

Number/Street/Apartment Number ▼

1916 Race Street

City/State/Zip ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights,  
Library of Congress, Washington,  
D.C. 20559

\* 17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 405, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

# **EXHIBIT 73**

# CERTIFICATE OF REGISTRATION

**FORM SE**

For a Serial

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER



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TX 5-071-596



TX0005071596

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*Marybeth Peters* 3 29 00  
Month Day Year

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United States of America

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TITLE OF THIS SERIAL ▼

2000 Annual Book of ASTM Standards: Petroleum products and Lubricants(I): D 56- D 2596

Volume ▼	Number ▼	Date on Copies ▼	Frequency of Publication
05.01	05	February 2000	Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼

a American Society for Testing and Materials

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ▶

Domiciled in ▶ United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other: Entire text

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ▶

Domiciled in ▶

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

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☐ Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

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☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ▶

Domiciled in ▶

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

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Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

This information must be given in all cases.

2000 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

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Month ▶ February Day ▶ 2 Year ▶ 2000

United States

Nation

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American Society for Testing and Materials

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

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MAR 29, 2000

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DO NOT WRITE HERE Page 1 of 2 pages

ASTM000115



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If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration

**DERIVATIVE WORK OR COMPILATION** Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. ▼

1999 Annual Book of ASTM Standards, Section 05.01

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

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See instructions  
before completing  
this space

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See instructions

**DEPOSIT ACCOUNT** If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

American Society for Testing and Materials

DA078328

**CORRESPONDENCE** Give name and address to which correspondence about this application should be sent.

Name/Address/Apt/City/State/ZIP

Kathe Hooper, American Society for Testing and Materials

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

Area Code &amp; Telephone Number ▶ (610) 832-9634

Be sure to  
give your  
daytime phone  
number**CERTIFICATION** I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of American Society for Testing & Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date ▶

Handwritten signature (X) ▼

MAIL  
CERTIFICATE  
TOCertificate  
will be  
mailed in  
window  
envelope

Name ▼

Kathe Hooper, ASTM

Number/Street/Apartment Number ▼

100 Barr Harbor Drive

City/State/ZIP

West Conshohocken, PA 19428-2959

## YOU MUST

- Complete all necessary spaces
- Sign your application in space 10

SEND ALL 3 ELEMENTS  
IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

## MAIL TO

Register of Copyrights  
Library of Congress  
Washington, D.C. 20559

The Copyright Office has the authority to adjust fees at 5-year intervals, based on changes in the Consumer Price Index. The next adjustment is due in 1995. Please contact the Copyright Office after July 1995 to determine the actual fee schedule.

\*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

This form was electronically produced by Elite Federal Forms, Inc.

ASTM000116

# **EXHIBIT 74**



Application for Registration of a Claim to Copyright  
in a published book manufactured in the United States of America

FORM A

CLASS

REGISTRATION NO.

A

A

942436

DO NOT WRITE HERE

Make sure that all applicable spaces have been filled in before you submit the form. The application must be signed and notarized (line 11) must be completed until after the date of publication given in line 4, and should state the facts which existed on that date. For further information, see page 4.

Pages 1 and 2 should be typewritten or printed with pen and ink. Pages 3 and 4 should contain exactly the same information as pages 1 and 2, but may be carbon copies. Mail all pages of the application to the Register of Copyrights, Library of Congress, Washington, D.C., 20540, together with 2 copies of the best edition of the work and the registration fee of \$6. Make your remittance payable to the Register of Copyrights.

Copyright Claimant(s) and Address(es): Give the name(s) and address(es) of the copyright owner(s). Ordinarily the name(s) should be the same as in the notice of copyright on the copies deposited.

American Society for Testing and Materials  
1916 Race Street, Phila., Pa. 19103

Part 24 - 1967 Book of ASTM Standards With Related Material: Textile  
(Give the title of the book as it appears on the title page)

Materials -- Yarns, Fabrics and General Methods (issued Annually in October)

Authors: Citizenship and domicile information must be given. Where a work was made for hire, the employer is the author. The citizenship of organizations formed under U.S. Federal or State law should be stated as U.S.A. Authors

may be editors, compilers, translators, illustrators, etc., as well as authors of original text. If the copyright claim is based on new matter (see line 5) give requested information about the author of the new matter.

American Society for Testing and Materials  
(Give legal name followed by pseudonym if latter appears on the copies)

Citizenship U.S.  
(Name of country)

1916 Race St., Phila., Pa. 19103  
Disseminated in U.S.A. Yes ☒ No ☐ Address

(Give legal name followed by pseudonym if latter appears on the copies)  
Disseminated in U.S.A. Yes ☐ No ☐ Address

(Give legal name followed by pseudonym if latter appears on the copies)  
Disseminated in U.S.A. Yes ☐ No ☐ Address

(Give legal name followed by pseudonym if latter appears on the copies)  
Disseminated in U.S.A. Yes ☐ No ☐ Address

4. Date of Publication of This Edition: Give the complete date when copies of this particular edition were first placed on sale, sold, or publicly distributed. The date when copies

were made or printed should not be confused with the date of publication. (NOTE: The full date (month, day, and year) must be given.) For further information, see page 4.

4 October 1967  
(Month) (Day) (Year)

NOTE: Leave line 5 blank unless the following instructions apply to this work.

5. New Matter in This Version: If any substantial part of this work has been previously published anywhere, give a brief, general statement of the nature of the new matter published

for the first time in this version. New matter may consist of compilation, translation, abridgment, editorial revision, and the like, as well as additional text or pictorial matter.

The 1967 Book of ASTM Standards consists of 32 parts, of which this volume is one. It contains all current formally approved ASTM standard and tentative specifications, methods of test, recommended practices, and definitions, as well as certain other related material, such as proposed methods. 26% is new material.

NOTE: Leave line 6 blank unless there has been a PREVIOUS FOREIGN EDITION in the English language.

6. Book in English Previously Manufactured and Published Abroad: If all or a substantial part of the text of this edition was previously manufactured and published abroad in the English language, complete the following spaces:

Date of first publication of foreign edition (Year)

Was registration for the foreign edition made in the U.S. Copyright Office? Yes ☐ No ☐

If your answer is "Yes," give registration number

Complete all applicable spaces on next page

EXAMINER

MK



7. If registration fee is to be charged to a deposit account established in the Copyright Office, give name of account.

8. Name and address of person or organization to whom correspondence or refund, if any, should be sent:  
Name American Society for Testing and Materials Address 1916 Race St., Phila., Pa. 19103

9. Send certificate to:

(Type or print name and address)

American Society for Testing and Materials

1916 Race Street

(Number and street)

Phila., Pa. 19103

(City)

(State)

(ZIP code)

10. Certification: (NOTE: Application not acceptable unless signed)  
I CERTIFY that the statements made by me in this application are correct to the best of my knowledge.

Albert L. Batik

(Signature of copyright claimant or duly authorized agent)

11. Affidavit (required by law.) Instructions: (1) Fill in the blank spaces with special attention to those marked "X". (2) Sign the affidavit before an officer authorized to administer oaths within the United States, such as a notary public. Have the officer sign and seal the affidavit and fill in the date of execution.  
NOTE: The affidavit must be signed and notarized only on or after the date of publication or completion of printing which it states. The affidavit must be signed by an individual.

STATE OF Pennsylvania

COUNTY OF Philadelphia

- I, the undersigned, depose and say that I am the
- ☐ Person claiming copyright in the book described in this application;
  - ☒ Duly authorized agent of the person or organization claiming copyright in the book described in this application;
  - ☐ Printer of the book described in this application.

That the book was published or the printing was completed on: (X) 4 October 1967  
(Give month, day, and year)

That of the various processes employed in the production of the copies deposited, the setting of the type was performed within the limits of the United States or the making of the plates was performed within the limits of the United States from type set therein; or the lithographic or photoengraving processes used in producing the text were wholly performed within the limits of the United States, and that the printing of the text and the binding (if any) were also performed within the limits of the United States. That such typesetting, platemaking, lithographic or photoengraving process, printing, and binding were performed by the following establishments or individuals at the following addresses:

(GIVE THE NAMES AND ADDRESSES OF THE PERSONS OR ORGANIZATIONS WHO PERFORMED SUCH TYPESETTING OR PLATE MAKING OR LITHOGRAPHIC PROCESS OR PHOTOENGRAVING PROCESS OR PRINTING AND BINDING, ETC.)

Names (X) Waverly Press, Inc. Addresses (X) Baltimore, Maryland

Albert L. Batik

(Signature of affiant)

(Sign and notarize only on or after date given above)

PLACE

NOTARIAL SEAL

HERE

Subscribed and sworn to before me this 9th

day of October, 1967

(Signature of notary)

FOR COPYRIGHT OFFICE USE ONLY

Application and affidavit received

OCT 13 1967

Two copies received

OCT 13 1967

Fee received

30200 OCT 13 '67

Renewal



# **EXHIBIT 75**

## Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth  
in the attached have been made a part of the  
records of the Copyright Office with claim  
of copyright registered under number

In testimony whereof, the seal of this office  
is affixed hereto on



TX 3-936-510

October 1, 2019

A handwritten signature in dark ink, reading "Kay A. Leahy".

United States Register of Copyrights and Director



**FORM SE**  
UNITED STATES COPYRIGHT OFFICE  
REGISTRATION NUMBER

TX 3-936-510

EFFECTIVE DATE OF REGISTRATION  
NOV 10 1994

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS SERIAL  $\nabla$

1994 Annual Book of ASTM Standards: *Gracuous Fuels; Coal and Coke*

Volume  $\nabla$

Number  $\nabla$

Date of Copies  $\nabla$

Frequency of Publication  $\nabla$

05 05

05

September

Annual

PREVIOUS OR ALTERNATIVE TITLES  $\nabla$

2 NAME OF AUTHOR  $\nabla$

a American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born  $\nabla$  Year Died  $\nabla$

Was this contribution to the work a  
"work made for hire"?  $\nabla$

☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR City of  $\nabla$  United States

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either  
of these questions is  
"Yes," see detailed  
instructions.

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed.  $\nabla$

☐ Collective Work ☒ Other: Entire Text

NAME OF AUTHOR  $\nabla$

DATES OF BIRTH AND DEATH  
Year Born  $\nabla$  Year Died  $\nabla$

Was this contribution to the work a  
"work made for hire"?  $\nabla$

☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR City of  $\nabla$

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either  
of these questions is  
"Yes," see detailed  
instructions.

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed.  $\nabla$

☐ Collective Work ☐ Other:

NAME OF AUTHOR  $\nabla$

DATES OF BIRTH AND DEATH  
Year Born  $\nabla$  Year Died  $\nabla$

Was this contribution to the work a  
"work made for hire"?  $\nabla$

☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR City of  $\nabla$

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK

Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either  
of these questions is  
"Yes," see detailed  
instructions.

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed.  $\nabla$

☐ Collective Work ☐ Other:

3 YEAR IN WHICH CREATION OF THIS

WORK WAS COMPLETED

1994

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

October 21 1994

U.S.A.

4 COPYRIGHT CLAIMANT'S Name and address must be given even if the claimant is the  
same as the author given in space 2.  $\nabla$

American Society for Testing & Materials

1916 Race Street

Philadelphia, PA

19103-1187

IF the claimant(s) named here in space 4 are different from the author(s) named  
in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.  $\nabla$

APPLICATION RECEIVED

NOV 10 1994

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

NOV 10 1994

REMITTANCE NUMBER AND DATE

NOTE ON BACK  $\nabla$

• Complete an appropriate space (numbers 5-11) on the reverse side of this page.  
• See detailed instructions.



EXAMINED BY B/LMB

FORM SE

CHECKED BY

☐ CORRESPONDENCE  
YesFOR  
COPYRIGHT  
OFFICE  
USE  
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ☐a. ☐ This is the first published version of an issue previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☐ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number

Year of Registration

TTE 3-1014-549

1993

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Existing Material Identify any preexisting work or works that this work is based on or incorporates.

1993 Annual Book of ASTM Standards, Section , Volume

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed.

Compilation of previous published text plus additional text.

—space deleted—

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10, and a

check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

☒ Copies and Phonorecords☐ Copies Only☐ Phonorecords Only

See instructions

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip

Robert L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103-1187

Area Code &amp; Telephone Number: 215-299-5431

Be sure to  
give your  
daytime phone  
number

CERTIFICATION I, the undersigned, hereby certify that I am the

Check one

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of American Society for Testing and Materials

Name of author or other copyright claimant or owner of exclusive right(s)

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

Date: October 21, 1994



Handwritten signature (X)

Robert L. Meltzer

MAIL  
CERTIFI-  
CATE TOCertificate  
will be  
mailed to  
you  
upon  
request

Name

Kathe Hooper, ASTM

Number/Street/Apartment Number

1916 Race Street

City/State/Zip

Philadelphia, PA 19103-1187

1. Complete and mail to:  
2. Non-refundable \$30 filing fee  
in cash or money order  
payable to Registrar of Copyrights  
3. Deposit statementLibrary of Congress  
Copyright Office  
Washington, D.C. 20540

\* 17 U.S.C. § 506(m) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

December 1989-71,000

U.S. GOVERNMENT PRINTING OFFICE: 1989-282-170/20,005

# **EXHIBIT 76**



## Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth  
in the attached have been made a part of the  
records of the Copyright Office with claim  
of copyright registered under number

In testimony whereof, the seal of this office  
is affixed hereto on



**TX 1-725-733**

**October 1, 2019**

A handwritten signature in blue ink, reading 'Kay A. Leahy'.

United States Register of Copyrights and Director



**FORM SE**  
UNITED STATES COPYRIGHT OFFICE  
REGISTRATION NUMBER

TX 1 725 733

EFFECTIVE DATE OF REGISTRATION

26 NOV 1985

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

**TITLE OF THIS SERIAL**

1985 Annual Book of ASTM Standards, Section 7 Volume 07.01  
Textiles-Yarns, Fabrics, General Test Methods

Volume

Number

Date on Copies

Frequency of Publication

07.01

7

October 1985

Annua

**PREVIOUS OR ALTERNATIVE TITLES**

**NAME OF AUTHOR**

American Society for Testing and Materials

Was this contribution to the work a  
"work made for hire"? ☒ Yes ☐ No

**AUTHOR'S NATIONALITY OR DOMICILE**

Name of Country

OR { Citizen of U.S.A.  
Domiciled in U.S.A.

**DATES OF BIRTH AND DEATH**

Year Born

Year Died

**WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK**

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

**NATURE OF AUTHORSHIP**

Briefly describe nature of the material created by this author in which copyright is claimed.

☐ Collective Work ☐ Other: Entire Text

**NAME OF AUTHOR**

**DATES OF BIRTH AND DEATH**

Year Born

Year Died

Was this contribution to the work a  
"work made for hire"? ☐ Yes ☐ No

**AUTHOR'S NATIONALITY OR DOMICILE**

Name of Country

OR { Citizen of U.S.A.  
Domiciled in U.S.A.

**WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK**

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

**NATURE OF AUTHORSHIP**

Briefly describe nature of the material created by this author in which copyright is claimed.

☐ Collective Work ☐ Other:

**NAME OF AUTHOR**

**DATES OF BIRTH AND DEATH**

Year Born

Year Died

Was this contribution to the work a  
"work made for hire"? ☐ Yes ☐ No

**AUTHOR'S NATIONALITY OR DOMICILE**

Name of Country

OR { Citizen of U.S.A.  
Domiciled in U.S.A.

**WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK**

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

**NATURE OF AUTHORSHIP**

Briefly describe nature of the material created by this author in which copyright is claimed.

☐ Collective Work ☐ Other:

**YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED**

1985

Year

This information must be given in all cases.

**DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE**

Complete this information ONLY if this work has been published.

Month October Day 24 Year 1985

United States

Nation

**COPYRIGHT CLAIMANT(S)** Name and address must be given even if the claimant is the same as the author given in space 2.

ASTM

1916 Race Street

Philadelphia, PA 19103

**TRANSFER** If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

DO NOT WRITE HERE  
OFFICE USE ONLY

APPLICATION RECEIVED

NOV 26 1985 DEC 30 1985

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

NOV 26 1985

REMITTANCE NUMBER AND DATE

**MORE ON BACK**

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page.
- See detailed instructions.
- Sign the form at line 10.

DO NOT WRITE HERE

Page 1 of 2 pages

**NOTE**

Under the law, the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). For any part of this work that was "made for hire" check "Yes" in the space provided, give the employer (or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates of birth and death blank.



EXAMINED BY

CHECKED BY

☐ CORRESPONDENCE  
Yes

☐ DEPOSIT ACCOUNT  
FUNDS USED

 FOR  
COPYRIGHT  
OFFICE  
USE  
ONLY

TX 1 725 733

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
a. ☐ This is the first published version of an issue previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☐ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 1-470-177

1984

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1984 Annual Book of ASTM Standards, Volume 07.01, Section 7

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Compilation of previously published text plus additional text

MANUFACTURERS AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.

Names of Manufacturers ▼

Places of Manufacture ▼

Waverly Press, Inc.

Easton, MD

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

a. ☒ Copies and Phonorecordsb. ☐ Copies Onlyc. ☐ Phonorecords Only

See instructions

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

R. L. Meltzer

ASTM, 1916 Race Street

Philadelphia, PA 19103

Area Code &amp; Telephone Number ▼

215-299-5431

Be sure to  
give your  
daytime phone  
number

CERTIFICATION I, the undersigned, hereby certify that I am the

Check one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of

American Society for

Testing and Materials

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 11/07/85

Handwritten signature (R. L. Meltzer)

MAIL  
CERTIFI-  
CATE TOCertificate  
will be  
mailed in  
window  
envelope

Name ▼

American Society for Testing and Materials

Number/Street/Apartment Number ▼

1916 Race Street

City/State/ZIP ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights,  
Library of Congress, Washington,  
D.C. 20559

\* 17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

U.S. GOVERNMENT PRINTING OFFICE: 1984 461-584/10.015

December 1984 — 100,000



# **EXHIBIT 77**

## Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth  
in the attached have been made a part of the  
records of the Copyright Office with claim  
of copyright registered under number

In testimony whereof, the seal of this office  
is affixed hereto on



**TX 2-814-346**

**October 2, 2019**

*Kary A. Lush*

United States Register of Copyrights and Director



# FORM SE

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

IX 2 814 346

EFFECTIVE DATE OF REGISTRATION

5 9 90

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL ▼

1990 Annual Book of ASTM Standards: *PRINTS, RELATED COATINGS AND*  
*MONOMERS: PRINT-TESTS FOR FORMULATED PRODUCTS AND APPLIED COATINGS*

Volume ▼

Number ▼

Date on Copies ▼

Frequency of Publication ▼

06.01

06

FEBRUARY 1990

ANNUAL

PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼

American Society for Testing and Materials

Was this contribution to the work a "work made for hire"? ☐ Yes ☒ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of

Domiciled in United States

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No

Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed ▼

☐ Collective Work ☒ Other

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire"? ☐ Yes ☒ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of

Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No

Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed ▼

☐ Collective Work ☒ Other

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire"? ☐ Yes ☒ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of

Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No

Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed ▼

☐ Collective Work ☒ Other

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
1990

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if the work has been published.

Month 3 Day 2 Year 90

U.S.A.

COPYRIGHT CLAIMANT(S)

Name and address must be given even if the claimant is the same as the author given in space 1 ▼

American Society for Testing & Materials  
1916 Race Street  
Philadelphia, PA 19103

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 1, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

MORE ON BACK ▼

• Complete all applicable spaces (numbers 5-11) on the reverse side of this page  
• See detailed instructions  
• Sign the form at line 10

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APPLICATION RECEIVED

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

MANUSCRIPT RECEIVED

REMITTANCE NUMBER AND DATE

DO NOT WRITE HERE

Page 1 of 2



TX 2 814 346

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FORM SE

CHECKED BY

☐ CORRESPONDENCE☐ DEPOSIT ACCOUNT FUNDS USEDFOR  
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ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼☐ This is the first published version of an issue previously registered in unpublished form.☐ This is the first application submitted by this author as copyright claimant.☒ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 2 814 346

1989

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

Identify any preexisting work or works that this work is based on or incorporates ▼

1988 Annual Book of ASTM Standards, Section 06 Volume 06.01

STATEMENT OF THIS WORK Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Continuation of previous published text plus additional text.

PLACES OF MANUFACTURE AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that certain copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes and the places where these processes were performed must be given. See instructions for details.

Places of Manufacture ▼

Harcourt Press, Inc.

Easton, MD

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a statement here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 8 in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

☒ Copies and Phonorecords☐ Copies Only☐ Phonorecords Only

See instructions.

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

K. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code &amp; Telephone Number ▼

(215) 299-5431

Be sure to  
give your  
daytime phone  
number.

CERTIFICATION I, the undersigned, hereby certify that I am the

Check one ▼

☐ author☐ other copyright claimant☐ owner of exclusive right(s) American Society☒ authorized agent of for Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▼

The statements made in this application and that the statements made in this application are correct to the best of my knowledge.

Signature and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

K. Meltzer

date ▼

3/27/90

Name ▼  
Kathleen M. Hooper

Home Street Apartment Number ▼

ASTM, 1916 Race Street

City/State/Zip ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights,  
Library of Congress, Washington,  
D.C. 20559

Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection therewith, shall be fined not more than \$2,500.

PRINTING OFFICE 1988-89: 540 45 004

July 1988-120,000



# **EXHIBIT 78**

# CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Marybeth Peters*  
REGISTER OF COPYRIGHTS  
United States of America

**FORM SE**  
UNITED STATES COPYRIGHT OFFICE  
REGISTRATION NUMBER

TX 4-257-533



EFFECTIVE DATE OF REGISTRATION

5 7 96  
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET

TITLE OF THIS SERIAL ▼

1996 Annual Book of ASTM Standards: *Water and Environmental*

*Technology - Water (1)*

Volume ▼

Number ▼

Date on Copies ▼

Frequency of Publication ▼

*11*

*01*

*April '96*

Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2 NAME OF AUTHOR ▼

*a* American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼ *United States*

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other: *Entire Text*

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

3 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
1996 Year  
This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
Complete this information ONLY if this work has been published.  
Month *April* Day *26* Year *1996*  
*U.S.A.* Nation

4 COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

American Society for Testing & Materials  
1916 Race Street  
Philadelphia, PA 19103-1187

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

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APPLICATION RECEIVED  
MAY 07 1996  
ONE DEPOSIT RECEIVED  
TWO DEPOSITS RECEIVED  
MAY 07 1996  
REMITTANCE NUMBER AND DATE

MORE ON BACK ►

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page
- See detailed instructions
- Sign the form at line 10

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Page 1 of 2 pages

ASTM000059



EXAMINED BY

CHECKED BY

FORM SE

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YesFOR  
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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

- ☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
- a. ☐ This is the first published version of an issue previously registered in unpublished form.
- b. ☐ This is the first application submitted by this author as copyright claimant.
- c. ☐ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

TX# 4-0607-387

Year of Re-registration ▼

1995

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work, complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼  
1995 Annual Book of ASTM Standards, Section 11, Volume 01.b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed ▼  
Compilation of previous published text plus additional text.

—space deleted—

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

☒ Copies and Phonorecords☐ Copies Only☐ Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name American Society for Testing and Materials  
Account Number DAO 78328

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt City State Zip ▼

Robert L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103-1187

Area Code &amp; Telephone Number ▶ 215-299-5431

CERTIFICATION\* I, the undersigned, hereby certify that I am the

Check one ▶

- ☐ author
- ☐ other copyright claimant
- ☐ owner of exclusive right(s)

☒ authorized agent of American Society for Testing and Materials

Name of author or other copyright claimant or owner of exclusive right(s) ▶

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date April 26, 1996

Handwritten signature (X) ▼

MAIL  
CERTIFI-  
CATE TO

Name ▼

Kathe Hooper, ASTM

Number Street Apartment Number ▼

1916 Race Street

City State ZIP ▼

Philadelphia, PA 19103-1187

Certificate  
will be  
mailed in  
window  
envelope

- Complete all necessary spaces
- Sign your application in space 10

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

Register of Copyrights  
Library of Congress  
Washington, D.C. 20559

\* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

December 1990—75,000

☆ U.S. GOVERNMENT PRINTING OFFICE: 1990—282-170 20,005

ASTM000060

# **EXHIBIT 79**



TX 2 058 606

U  
EFFECTIVE DATE OF REGISTRATION  
APR 23 87  
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS SERIAL ▼ 1987 Annual Book of ASTM Standards, Plastics: Plastic Pipe and Building Products

Volume ▼ Number ▼ Date on Copies ▼ Frequency of Publication ▼  
08.04 08 January 1987 Annual  
PREVIOUS OR ALTERNATIVE TITLES ▼

2

NAME OF AUTHOR ▼  
American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of  
Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either  
of these questions is  
"Yes," see detailed  
instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼  
☐ Collective Work Other: Entire Text

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of  
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either  
of these questions is  
"Yes," see detailed  
instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼  
☐ Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a  
"work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of  
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either  
of these questions is  
"Yes," see detailed  
instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼  
☐ Collective Work Other:

YEAR IN WHICH CREATION OF THIS  
ISSUE WAS COMPLETED This information  
must be given  
1987 Year in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
Complete this information  
ONLY if this work  
has been published. Month ▼ March Day ▼ 2 Year ▼ 1987  
U. S. A. Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the  
same as the author given in space 2. ▼

American Society for Testing and Materials  
1916 Race Street  
Philadelphia, PA 19103

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named  
in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

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APR. 23. 1987  
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TWO DEPOSITS RECEIVED  
APR. 23. 1987  
REMITTANCE NUMBER AND DATE

TX 2 058 606

EXAMINED BY

FORM SE

CHECKED BY

☐ CORRESPONDENCE  
YES☐ DEPOSIT ACCOUNT  
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USE  
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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼a. ☐ This is the first published version of an issue previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☒ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 1-778-679

1986

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1986 Annual Book of ASTM Standards Section 08, Volume 08.04

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

~~Compilation of previous published text plus additional text.~~

MANUFACTURERS AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.

Names of Manufacturers ▼

Places of Manufacture ▼

Waverly Press, Inc.

Easton, MD

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a. ☒ Copies and Phonorecordsb. ☐ Copies Onlyc. ☐ Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

R. L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code &amp; Telephone Number ▼

215-299-5431

CERTIFICATION\* I, the undersigned, hereby certify that I am the

Check one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent ofAmerican Society for  
Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 4/6/87



Handwritten signature (X) ▼

MAIL  
CERTIFI-  
CATE TOCertificate  
will be  
mailed in  
window  
envelope

Name ▼

Kathe Scholl, ASTM

Number/Street/Apartment Number ▼

1916 Race Street

City/State/ZIP ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights,  
Library of Congress, Washington,  
D.C. 20559

\* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.



# **EXHIBIT 80**



TX 4-497-876



EFFECTIVE DATE OF REGISTRATION

JUN 24 1997

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL ▼

1997 Annual Book of ASTM Standards:

*Water and Environmental Technology - Water (11)*

Volume ▼

Number ▼

Date on Copies ▼

Frequency of Publication ▼

Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼

American Society for Testing and Materials

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼ United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes" see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other: Entire Text

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes" see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of ▼  
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes" see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

☐ Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
1997 Year

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if this work has been published.

Month June Day 9 Year 1997 Nation U.S.A.

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

American Society for Testing & Materials  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

APPLICATION RECEIVED  
JUN 24 1997

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TWO DEPOSITS RECEIVED

REMITTANCE NUMBER AND DATE

MORE ON BACK ►

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page
- See detailed instructions.
- Sign the form at line 10

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Page 1 of 2 pages

NOTE

Under the law the "author" of a work made for hire is normally the employer not the employee (see instructions). For any part of this work that was made for hire check "Yes" in the space provided give the employer (or other person for whom the work was prepared) as "Author" of that part and leave the space for dates of birth and death blank

092431135



\* 092431135 \*



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☐ CORRESPONDENCE  
Yes

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USE  
ONLY

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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. ☐ This is the first published version of an issue previously registered in unpublished form.
- b. ☐ This is the first application submitted by this author as copyright claimant.
- c. ☐ This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TH#

4-257-410

1996

DERIVATIVE WORK OR COMPILATION Complete both space 6a &amp; 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1997 Annual Book of ASTM Standards, Section //, Volume 02.

 b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼  
 Compilation of previous published text plus additional text.

—space deleted—

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a. ☒ Copies and Phonorecordsb. ☐ Copies Onlyc. ☐ Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼ American Society for  
Testing and Materials

Account Number ▼

# DA078328

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt. City State Zip ▼

Robert L. Meltzer, ASTM

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

Area Code &amp; Telephone Number ▼ 610-832-9632

CERTIFICATION\* I, the undersigned, hereby certify that I am the

Check one ►

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent ofAmerican Society  
for Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date

June 19, 1997



Handwritten signature (X) ▼

MAIL  
CERTIFI-  
CATE TOCertificate  
will be  
mailed in  
window  
envelope

Name ▼

Judy Helm, ASTM

Number Street Apartment Number ▼

100 Barr Harbor Drive

City State ZIP ▼

West Conshohocken, PA 19428-2959

## YOU MUST

- Complete all necessary spaces
- Sign your application in space 10

SEND ALL 3 ELEMENTS  
IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

## MAIL TO

Register of Copyrights  
Library of Congress  
Washington, D.C. 20559
 Copyright fees are ad-  
justed at 5-year inter-  
vals, based on in-  
creases or decreases in  
the Consumer Price In-  
dex. The next adjust-  
ment is due in 1995.  
Contact the Copyright  
Office in January 1995  
for the new fee sched-  
ule.

\* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.



# **EXHIBIT 81**



TX 4-557-835



EFFECTIVE DATE OF REGISTRATION

Month 10 Day 2 Year 97

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL ▼

1997 Annual Book of ASTM Standards: PETROLEUM PRODUCTS, LUBRICANTS AND FLUID FUELS:  
GASEOUS FUELS, COAL AND COKE

Volume ▼

Number ▼

Date on Copies ▼

Frequency of Publication ▼

05.06

05

SEPTEMBER 1997

Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼

American Society for Testing and Materials

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a  
"work made for hire"?  
☒ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country  
OR { Citizen of  
Domiciled in

United States

WAS THIS AUTHOR'S CONTRIBUTION TO  
THE WORK  
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☐ No

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DATES OF BIRTH AND DEATH

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