

EXHIBIT 45



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.

Barbara Ringer

ACTING REGISTER OF COPYRIGHTS United States of America

REGISTRATION NUMBER

TX 3-614-178

EFFECTIVE DATE OF REGISTRATION

Aug. 13, 1993

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

TITLE OF THIS SERIAL

1993 Annual Book of ASTM Standards: NON FERROUS METAL PRODUCTS: COPPER AND COPPER ALLOYS

Volume 02.01 Number 02 Date on Copies JUNE Frequency of Publication Annual

PREVIOUS OR ALTERNATIVE TITLES

2 NAME OF AUTHOR

a American Society for Testing and Materials

DATES OF BIRTH AND DEATH

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

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

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

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

b NAME OF AUTHOR

DATES OF BIRTH AND DEATH

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

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

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

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

c NAME OF AUTHOR

DATES OF BIRTH AND DEATH

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

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

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

3 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1993

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Month 7 Day 7 Year 93 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.

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.

DO NOT WRITE HERE OFFICE USE ONLY

APPLICATION RECEIVED

AUG. 13. 1993

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

AUG. 13. 1993

REMITTANCE NUMBER AND DATE

MORE ON BACK

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

DO NOT WRITE HERE

EXAMINED BY

See/v m

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 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# 3 150 593

Year of Registration ▼
1992

5

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. ▼
1992 Annual Book of ASTM Standards, Section 2, Volume 6.01

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.

See instructions before completing this space

6

—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

7

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

Be sure to give your daytime phone number

9

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 ▶ 7-7-93

10

Handwritten signature (X) *Robert L. Meltzer*

MAIL CERTIFICATE 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. 20569

11

* 17 U.S.C. § 508(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 46

CERTIFICATE OF COPYRIGHT REGISTRATION

FORM SE
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 1-374-252

EFFECTIVE DATE OF REGISTRATION U

Month 6 Day 25 Year 84



OFFICIAL SEAL

This certificate, issued under the seal of the Copyright Office in accordance with the provisions of section 410(a) of title 17, United States Code, attests that copyright registration has been made for the work identified below. The information in this certificate has been made a part of the Copyright Office records.

David Reed

REGISTER OF COPYRIGHTS
United States of America

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

1

TITLE OF THIS SERIAL ▼ 1984 Annual Book of ASTM Standards Section 2 Volume 02.01
Copper and Copper Alloys

Volume ▼	Number ▼	Date on Copies ▼	Frequency of Publication ▼
Section 2	Volume 02.01	MAY	Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2

a 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"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AUTHOR'S NATIONALITY OR DOMICILE Name of Country OR { Citizen of ► U.S.A. Domiciled in ►	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK Anonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No Pseudonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No
---	---	---

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

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.

b NAME OF AUTHOR ▼ DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"? <input type="checkbox"/> Yes <input type="checkbox"/> No	AUTHOR'S NATIONALITY OR DOMICILE Name of country OR { Citizen of ► Domiciled in ►	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK Anonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No Pseudonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No
--	--	---

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

c NAME OF AUTHOR ▼ DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"? <input type="checkbox"/> Yes <input type="checkbox"/> No	AUTHOR'S NATIONALITY OR DOMICILE Name of Country OR { Citizen of ► Domiciled in ►	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK Anonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No Pseudonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No
--	--	---

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 1984
DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Month ► May Day ► 5 Year ► 1984
United States

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 and Materials
1916 Race Street
Philadelphia, PA 19103

See instructions before completing this space.

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
25 JUN 1984
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED
25 JUN 1984
REMITTANCE NUMBER AND DATE
244862 JUN 25 84

EXAMINED BY

FORM SE

CHECKED BY

TX 1-374-252

- CORRESPONDENCE Yes
- DEPOSIT ACCOUNT FUNDS USED

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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 1-228-879 1983

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. ▼
1983 Annual Book of ASTM Standards, Section 2 Volume 02.01

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. ▼
Previously published text plus additional text.

See instruction before complete this space.

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 Phonorecords
- b Copies Only
- c Phonorecords Only

See instruct

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 & Telephone Number ▶ 215-299-5431

Be sure to give your daytime ph number.

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

- Check one ▶
- author
 - other copyright claimant
 - owner of exclusive right(s) American Society for
 - authorized agent of 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 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 ▶ 6/15/84



Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

Name ▼	American Society for Testing and Materials	RLM
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. § 508(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 47

CERTIFICATE OF REGISTRATION

FUKM SE
UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER



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.

TX 4-497-885



EFFECTIVE DATE OF REGISTRATION

JUN 24 1997

Month Day Year

Marybeth Peters

REGISTER OF COPYRIGHTS

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TITLE OF THIS SERIAL

1997 Annual Book of ASTM Standards:

nonferrous Metal Products
Copper and Copper Alloys

Volume

Number

Date on Copies

Frequency of Publication

02

01

May '97

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
Anonymously? Yes No
Pseudonymously? 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

3 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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 No

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

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymously? Yes No
Pseudonymously? 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:

5 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1997

This information must be given in all cases.

6 DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if this work has been published.

Month: June Day: 16 Year: 1997

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

APPLICATION RECEIVED

JUN 24 1997
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JUN 24 1997

REMITTANCE NUMBER AND DATE

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.

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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CORRESPONDENCE
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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 ▼

TH# 4-243-005

Year of Registration ▼

1996

5

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 02, Volume 01.

6

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.

See instructions before completing this space

—space deleted—

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- c. Phonorecords Only

See instructions

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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

9

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

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 for Testing and Materials
- 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) ▶

10

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 CERTIFICATE TO

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

Certificate will be mailed in window envelope

YOU MUST

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

SEND ALL 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 adjusted at 3-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.

11

* 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 48



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

REGISTRATION NUMBER

TX 4-243-005



EFFECTIVE DATE OF REGISTRATION

MAY 29 1996

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: Nonferrous Metal Products Copper and Copper alloys

Volume

Number

Date on Copies

Frequency of Publication

02

01

May '96

Annual

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH

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

Yes No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country Citizen of Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Pseudonymous? Yes No 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

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

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AUTHOR'S NATIONALITY OR DOMICILE

Name of Country Citizen of Domiciled in

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Name of Country Citizen of Domiciled in

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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

1996

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 Day Year 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 1916 Race Street Philadelphia, PA 19103-1187

APPLICATION RECEIVED

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ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

REMITTANCE NUMBER AND DATE

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

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

ASTM000055

EXAMINED BY

CHECKED BY

FORM SE

CORRESPONDENCE Yes

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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# 4-083-253 Year of Re-registration 1995

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. 1995 Annual Book of ASTM Standards, Section 02, 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.

- a. Copies and Phonorecords
b. Copies Only
c. 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 DA078398

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 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 application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date May 8, 1996

Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate 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
Application form
Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
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.

EXHIBIT 49



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
 For a Serial
 UNITED STATES COPYRIGHT OFFICE
 REGISTRATION NUMBER

TX 4-737-834



EFFECTIVE DATE OF REGISTRATION

JUN 19 1998

Month Day Year

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1

TITLE OF THIS SERIAL ▼

1998 Annual Book of ASTM Standards, Copper and Copper Alloys

Volume	Number ▼	Date on Copies	Frequency of Publication ▼
02.01	02	May 1998	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

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

Collective Work Other: Entire Text

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.

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

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

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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

1998 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Month ► May Day ► 14 Year ► 1998

United States Nation

4

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

APPLICATION RECEIVED

JUN 19 1998

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

JUN 19 1998

REMITTANCE NUMBER AND DATE

See instructions before completing this space.

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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MORE ON BACK ► Complete all applicable spaces (numbers 5-11) on the reverse side of this page.

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ASTM000081

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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.

5

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.
1997 Annual Book of ASTM Standards, Section 02, Volume 02.01

6

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.
Completion of previous published text plus additional text.

See instructions before completing this space.

—space deleted—

7

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See instructions.

8

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

9

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

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

Name/Address/Apt/Chy/State/ZIP

Area Code & Telephone Number (810) 832-9834

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

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)

10

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 5-20-98

Handwritten signature (X) Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate 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

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

11

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

The Copyright Office fees for the Library to submit fees at 6-year intervals based on changes in the Copyright Fee Index. The next adjustment is due in 1998. Please contact the Copyright Office after July 1997 to determine the actual fee schedule.

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

*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 50

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 1-453-716

October 2, 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 1-453-716

EFFECTIVE DATE OF REGISTRATION

8 30 84
Month Day Year

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

1

TITLE OF THIS SERIAL ▼ 1984 Annual Book of ASTM Standards Section 2 Volume 02.02
Die-Cast Metals; Aluminum and Magnesium Alloys

Volume ▼ **Number** ▼ **Date on Copies** ▼ **Frequency of Publication** ▼

PREVIOUS OR ALTERNATIVE TITLES ▼

2

a **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 ► 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: Entire Text

b

NAME OF AUTHOR ▼
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 ►

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

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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:

c

NAME OF AUTHOR ▼
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 ►

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:

3

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED This information must be given in all cases.
1984 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE Complete this information ONLY if this work has been published.
Month ► June Day ► 25 Year ► 1984
United States Nation

4

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

APPLICATION RECEIVED
30 AUG 1984
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED
30 AUG 1984
REMITTANCE NUMBER AND DATE
307771 AUG 30 84

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. ▼

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

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.

TX 1-453-716

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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 1-187-011 1983

5

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. ▼
1983 Annual Book of ASTM Standards Section 2 Volume 02.02

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 previously published text plus additional text

See instructions
before completing
this space

6

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Names of Manufacturers ▼ Places of Manufacture ▼

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- b Copies Only
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See instructions.

8

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 ▼

9

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 & 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.

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

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 ▶ 8/24/84

Handwritten signature (X) *Robert L. Meltzer*

10

MAIL
CERTIFI-
CATE TO

Certificate
will be
mailed in
window
envelope

Name ▼	American Society for Testing and Materials	RLM
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.

11

* 17 U.S.C. § 508(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 51



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

REGISTRATION NUMBER

TX 3 883-920

EFFECTIVE DATE OF REGISTRATION AUG 29 1994

Month Day Year

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

TITLE OF THIS SERIAL 1994 Annual Book of ASTM Standards: Nonferrous Metal Products
Copper + Copper alloys
Volume 02 Number 01 Date of Copies June '94 Frequency of Publication Annual

2 a 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? Pseudonymous? Yes No Yes No

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 b

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 c

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

3 a YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1994

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE Month May Day 18 Year 1994 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

APPLICATION RECEIVED AUG 29 1994 ONE DEPOSIT RECEIVED TWO DEPOSITS RECEIVED AUG 29 1994 REMITTANCE NUMBER AND DATE

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.

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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NOTE Enter the law.

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CORRESPONDENCE
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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.

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TX# 3-1614-178

Year of Re-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 02, Volume 201.

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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Phonorecords Only

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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

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) ▲

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

August 18, 1994

Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE 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.

EXHIBIT 52



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

TX 4-768-932
#1x0004768932e

EFFECTIVE DATE OF REGISTRATION
SEP 10 1998
Month Day Year

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

TITLE OF THIS SERIAL ▼

1 1998 Annual Book of ASTM Standards: Aluminum and Magnesium Alloys

Volume ▼ Number Date on Copies ▼ Frequency of Publication ▼
02.02 02 September 1998 Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2 a 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
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Collective Work Other:

3 a YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED
1998 Year

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Complete this information ONLY if this work has been published.
Month ► August Day ► 25 Year ► 1998
United States 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 and Materials
100 Barr Harbor Drive
West Conshohocken, PA 19428-2859

APPLICATION RECEIVED
SEP 10 1998
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED
SEP 10 1998
REMITTANCE NUMBER AND DATE

NOTE

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EXAMINED BY

FORM SE

CHECKED BY

CORRESPONDENCE
Yes

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

1997 Annual Book of ASTM Standards, Section 02, Volume 02.02

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Compilation of previous published text plus additional text.

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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 ▼
Kathe Hooper, American Society for Testing and Materials
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

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

Be sure to give your daytime phone number.

9

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

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 ▶ 8-25-98

10

Handwritten signature (X) Robert L. Meltzer

MAIL CERTIFICATE TO

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

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

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 1999. Please contact the Copyright Office after July 1995 to determine the actual fee schedule.

11

*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 53

FORM TX

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER	
TX	648-336
TX	TXU
EFFECTIVE DATE OF REGISTRATION	
MAR 11 1981	
Month	Day Year

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

1 Title	TITLE OF THIS WORK: 1980 Annual Book of ASTM Standards Part 8: Nonferrous Metals-Nickel, Lead, Tin Alloys; Precious, Primary, Reactive Metals	PREVIOUS OR ALTERNATIVE TITLES:
	PUBLICATION AS A CONTRIBUTION: (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)	IMPORTANT: 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 NAME OF AUTHOR: American Society for Testing & Materials <small>Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></small> AUTHOR'S NATIONALITY OR DOMICILE: Citizen of _____ } or { Domiciled in U.S.A. <small>(Name of Country) (Name of Country)</small> AUTHOR OF: (Briefly describe nature of this author's contribution) Collective Works	DATES OF BIRTH AND DEATH: Born _____ Died _____ <small>(Year) (Year)</small> WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes <input type="checkbox"/> No <input type="checkbox"/> Pseudonymous? Yes <input type="checkbox"/> No <input type="checkbox"/> If the answer to either of these questions is "Yes, see detailed instructions attached."
	2 NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes <input type="checkbox"/> No <input type="checkbox"/></small> AUTHOR'S NATIONALITY OR DOMICILE: Citizen of _____ } or { Domiciled in _____ <small>(Name of Country) (Name of Country)</small> AUTHOR OF: (Briefly describe nature of this author's contribution)	DATES OF BIRTH AND DEATH: Born _____ Died _____ <small>(Year) (Year)</small> WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes <input type="checkbox"/> No <input type="checkbox"/> Pseudonymous? Yes <input type="checkbox"/> No <input type="checkbox"/> If the answer to either of these questions is "Yes, see detailed instructions attached."
3 NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes <input type="checkbox"/> No <input type="checkbox"/></small> AUTHOR'S NATIONALITY OR DOMICILE: Citizen of _____ } or { Domiciled in _____ <small>(Name of Country) (Name of Country)</small> AUTHOR OF: (Briefly describe nature of this author's contribution)	DATES OF BIRTH AND DEATH: Born _____ Died _____ <small>(Year) (Year)</small> WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes <input type="checkbox"/> No <input type="checkbox"/> Pseudonymous? Yes <input type="checkbox"/> No <input type="checkbox"/> If the answer to either of these questions is "Yes, see detailed instructions attached."	

3 Creation and Publication	YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED: Year 1980 <small>(This information must be given in all cases.)</small>	DATE AND NATION OF FIRST PUBLICATION: Date June 1 1980 <small>(Month) (Day) (Year)</small> Nation United States <small>(Name of Country)</small> <small>(Complete this block ONLY if this work has been published.)</small>
--------------------------------------	---	---

4 Claimant(s)	NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S): American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
	TRANSFER: (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.)

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

<p>TX . . . 648-336</p>	EXAMINED BY CHECKED BY	APPLICATION RECEIVED MAR 17 1981	<p>FOR COPYRIGHT OFFICE USE ONLY</p>
	CORRESPONDENCE: <input type="checkbox"/> Yes	DEPOSIT RECEIVED: MAR 17 1981 MAR 17 1981	
	DEPOSIT ACCOUNT FUNDS USED <input type="checkbox"/>	REMITTANCE NUMBER AND DATE 172721 MAR 11 81	

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

<p>PREVIOUS REGISTRATION:</p> <ul style="list-style-type: none"> Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office? Yes X No If your answer is "Yes," why is another registration being sought? (Check appropriate box) <ul style="list-style-type: none"> <input type="checkbox"/> This is the first published edition of a work previously registered in unpublished form. <input type="checkbox"/> This is the first application submitted by this author as copyright claimant <input type="checkbox"/> This is a changed version of the work, as shown by line 6 of this application. If your answer is "Yes," give: Previous Registration Number TX 278-716 Year of Registration 1979 	<p>5 Previous Registration</p>
--	---

<p>COMPILATION OR DERIVATIVE WORK: (See instructions)</p> <p>PREEXISTING MATERIAL: (Identify any preexisting work or works that this work is based on or incorporates.)</p> <p>{ 1979 Annual Book of ASTM Standards, Part 8</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>	<p>6 Compilation or Derivative Work</p>
---	--

<p>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.)</p> <table style="width:100%;"> <tr> <td style="width: 50%;">NAMES OF MANUFACTURERS</td> <td style="width: 50%;">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	<p>7 Manufacturing</p>
NAMES OF MANUFACTURERS	PLACES OF MANUFACTURE				
Waverly Press, Inc.	Easton, MD				

<p>REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS: (See instructions)</p> <ul style="list-style-type: none"> 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. <p>a <input checked="" type="checkbox"/> Copies and phonorecords b <input type="checkbox"/> Copies Only c <input type="checkbox"/> Phonorecords Only</p>	<p>8 License For Handicapped</p>
---	---

<p>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.)</p> <p>Name: _____</p> <p>Account Number: _____</p>	<p>CORRESPONDENCE: (Give name and address to which correspondence about this application should be sent.)</p> <p>Name: Robert L. Meltzer, ASTM</p> <p>Address: 1916 Race Street</p> <p>Philadelphia, PA 19103</p> <p>(City) (State) (ZIP)</p>	<p>9 Fee and Correspondence</p>
--	--	--

<p>CERTIFICATION: * I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing & Materials</p> <p><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: _____</p> <p>(Name of author or other copyright claimant, or owner of exclusive right(s))</p> <p>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.</p> <p>Handwritten signature: (X) <i>Robert L. Meltzer</i></p> <p>Typed or printed name: Robert L. Meltzer Date: 2/26/81</p>	<p>10 Certification (Application must be signed)</p>
---	---

<div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin: 10px;"> <p>American Society for Testing and Materials..</p> <p>(Name)</p> <p>1916 Race Street</p> <p>(Number, Street and Apartment Number)</p> <p>Philadelphia, PA 19103</p> <p>(City) (State) (ZIP code)</p> </div>	<p>MAIL CERTIFICATE TO</p> <p>(Certificate will be mailed in window envelope)</p>	<p>11 Address For Return of Certificate</p>
---	--	--

* 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 54

UNITED STATES COPYRIGHT OFFICE

This certificate, issued under the seal of the Copyright Office in accordance with the provisions of section 410(a) of title 17, United States Code, attests that copyright registration has been made for the work identified below. The information in this certificate has been made a part of the Copyright Office records.

David L. Ladd

REGISTER OF COPYRIGHTS
United States of America

REGISTRATION NUMBER	
TX 1	534-160
TX	TXU
EFFECTIVE DATE OF REGISTRATION	
Aug	18 1980
Month	Day Year

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

1 Title	TITLE OF THIS WORK: 1980 Annual Book of ASTM Standards, Part 9: Electrodeposited Coatings; Metal Powders, Sintered P/M Structural Parts If a periodical or serial give: Vol. No. Issue Date	PREVIOUS OR ALTERNATIVE TITLES:
	PUBLICATION AS A CONTRIBUTION: (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)	IMPORTANT: 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	NAME OF AUTHOR: American Society for Testing and Materials Was this author's contribution to the work a "work made for hire"? Yes. <input checked="" type="checkbox"/> No. AUTHOR'S NATIONALITY OR DOMICILE: Citizen of } or { Domiciled in U.S.A. (Name of Country) (Name of Country) AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text
		DATES OF BIRTH AND DEATH: Born Died (Year) (Year) 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 attached.
	2	NAME OF AUTHOR: Was this author's contribution to the work a "work made for hire"? Yes No AUTHOR'S NATIONALITY OR DOMICILE: Citizen of } or { Domiciled in (Name of Country) (Name of Country) AUTHOR OF: (Briefly describe nature of this author's contribution)
		DATES OF BIRTH AND DEATH: Born Died (Year) (Year) 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 attached.
	3	NAME OF AUTHOR: Was this author's contribution to the work a "work made for hire"? Yes No AUTHOR'S NATIONALITY OR DOMICILE: Citizen of } or { Domiciled in (Name of Country) (Name of Country) AUTHOR OF: (Briefly describe nature of this author's contribution)
		DATES OF BIRTH AND DEATH: Born Died (Year) (Year) 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 attached.

3 Creation and Publication	YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED: Year 1980 (This information must be given in all cases.)	DATE AND NATION OF FIRST PUBLICATION: Date July 30 1980 (Month) (Day) (Year) Nation United States (Name of Country) (Complete this block ONLY if this work has been published.)
-------------------------------	--	---

4 Claimant(s)	NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S): American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
	TRANSFER: (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.)

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

DO NOT WRITE HERE

ASTM000149

TX 1 - 534-160

EXAMINED BY: <i>[Signature]</i>	DEPOSIT RECEIVED: 18 AUG 1980	FOR COPYRIGHT OFFICE USE ONLY
CHECKED BY: <i>[Signature]</i>	DEPOSIT RECEIVED: 18 AUG 1980 18 AUG 1980	
CORRESPONDENCE: <input type="checkbox"/> Yes	REMITTANCE NUMBER AND DATE: 346019 18 AUG 1980	
DEPOSIT ACCOUNT FUNDS USED: <input type="checkbox"/>		

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

PREVIOUS REGISTRATION:

- Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office? Yes **X** No
- If your answer is "Yes," why is another registration being sought? (Check appropriate box)
 - This is the first published edition of a work previously registered in unpublished form.
 - This is the first application submitted by this author as copyright claimant.
 - This is a changed version of the work, as shown by line 6 of this application.
- If your answer is "Yes," give: Previous Registration Number TX 323-382 Year of Registration 1979

5
Previous Registration

COMPILATION OR DERIVATIVE WORK: (See instructions)

PREEXISTING MATERIAL: (Identify any preexisting work or works that this work is based on or incorporates.)
 { 1979 Annual Book of ASTM Standards, Part 9

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

6
Compilation or Derivative Work

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

7
Manufacturing

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS: (See instructions)

- 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.

Copies and phonorecords Copies Only Phonorecords Only

8
License For Handicapped

<p>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.)</p> <p>Name: _____</p> <p>Account Number: _____</p>	<p>CORRESPONDENCE: (Give name and address to which correspondence about this application should be sent.)</p> <p>Name: <u>Robert L. Meltzer, ASTM</u></p> <p>Address: <u>1916 Race Street</u></p> <p><u>Philadelphia</u> PA <u>19103</u></p> <p>(City) (State) (ZIP)</p>	<p style="text-align: center;">9</p> <p>Fee and Correspondence</p>
--	---	---

CERTIFICATION: * I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing and Materials

author other copyright claimant owner of exclusive right(s) authorized agent of: _____

(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.

Handwritten signature: (X) *Robert L. Meltzer*

Typed or printed name: Robert L. Meltzer Date: 7/31/80

10
Certification (Application must be signed)

<p>..... American Society for Testing and Materials</p> <p>(Name)</p> <p>..... 1916 Race Street</p> <p>(Number, Street and Apartment Number)</p> <p>..... Philadelphia, PA 19103</p> <p>(City) (State) (ZIP code)</p>	<p style="text-align: center;">MAIL CERTIFICATE TO</p> <p style="text-align: center;">17 OCT 1980 Certificate will be mailed in window envelope</p>	<p style="text-align: center;">11</p> <p>Address For Return of Certificate</p>
---	---	---

* 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: 1980-311-475/1

Jan. 1980—400 000

EXHIBIT 55

FORM SE

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 1 846 702

EFFECTIVE DATE OF REGISTRATION
1 1 86
Month Day Year

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

1

TITLE OF THIS SERIAL
1986 Annual Book of ASTM Standards, Nonferrous Metal Products -
Copper and Copper Alloys

Volume 02.01 Number 02 Date on Copies June 1986 Frequency of Publication 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

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

NAME OF AUTHOR
b

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
c

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 1986
DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Month June Day 9 Year 1986
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 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.

APPLICATION RECEIVED
JUL 07 1986
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED
JUL 07 1986
REMITTANCE NUMBER AND DATE



4

See instructions before completing this space.

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

R2W

FORM SE

CHECKED BY

[Signature]

TX 1 846 702

CORRESPONDENCE

Yes

DEPOSIT ACCOUNT

FUNDS USED

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 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 1-626-716

1985

5

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. ▼

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.

See instructions before completing this space.

6

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

7

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

b Copies Only

c Phonorecords Only

See instructions.

8

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 ▼

9

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 & 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 for

authorized agent of 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 ▶ 6/19/86

10

Handwritten signature (X) ▼

Name ▼

American Society for Testing and Materials

Number/Street/Apartment Number ▼

1916 Race Street

City/State/Zip ▼

Philadelphia, PA 19103

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

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. 20540

11

* 17 U.S.C. § 508(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 56

This certificate, issued under the seal of the Copyright Office in accordance with the provisions of section 410(a) of title 17, United States Code, attests that copyright registration has been made for the work identified below. The information in this certificate has been made a part of the Copyright Office records.

David L. Ladd

REGISTER OF COPYRIGHTS United States of America

REGISTRATION NUMBER TX 627-128 TXU
EFFECTIVE DATE OF REGISTRATION Dec 11 80
Month Day Year

MAR 30 Recd

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

1 Title
TITLE OF THIS WORK: 1980 Annual Book of ASTM Standards; Part 13 Cement; Lime; Gypsum
PREVIOUS OR ALTERNATIVE TITLES:
If a periodical or serial give: Vol. No. Issue Date
PUBLICATION AS A CONTRIBUTION: (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)
IMPORTANT: 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 NAME OF AUTHOR: American Society for Testing and Materials
Was this author's contribution to the work a "work made for hire"? Yes X No
DATES OF BIRTH AND DEATH: Born Died
AUTHOR'S NATIONALITY OR DOMICILE: U.S.A.
Citizen of or Domiciled in
AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:
Anonymous? Pseudonymous?
If the answer to either of these questions is "Yes," see detailed instructions attached.
2 NAME OF AUTHOR:
Was this author's contribution to the work a "work made for hire"? Yes No
DATES OF BIRTH AND DEATH: Born Died
AUTHOR'S NATIONALITY OR DOMICILE:
Citizen of or Domiciled in
AUTHOR OF: (Briefly describe nature of this author's contribution)
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:
Anonymous? Pseudonymous?
If the answer to either of these questions is "Yes," see detailed instructions attached.
3 NAME OF AUTHOR:
Was this author's contribution to the work a "work made for hire"? Yes No
DATES OF BIRTH AND DEATH: Born Died
AUTHOR'S NATIONALITY OR DOMICILE:
Citizen of or Domiciled in
AUTHOR OF: (Briefly describe nature of this author's contribution)
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:
Anonymous? Pseudonymous?
If the answer to either of these questions is "Yes," see detailed instructions attached.

3 Creation and Publication
YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED: Year 1980
DATE AND NATION OF FIRST PUBLICATION: Date October 25, 1980
Month Day Year
Nation United States
(Name of Country)
(This information must be given in all cases.) (Complete this block ONLY if this work has been published.)

4 Claimant(s)
NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):
American Society for Testing and Materials
1916 Race Street
Philadelphia, Pa. 19103
TRANSFER: (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.)

EXAMINED BY: *JLJ* APPLICANT RECEIVED: *11 DEC 1980*
 CHECKED BY: *11 DEC 1980*

CORRESPONDENCE: Yes DEPOSIT RECEIVED: *11 DEC 1980* *11 DEC 1980*

DEPOSIT ACCOUNT FUNDS USED: REMITTANCE NUMBER AND DATE: *76661 DEC1180*

TX - 627-128

FOR COPYRIGHT OFFICE USE ON

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

PREVIOUS REGISTRATION:

- Has registration for this work, or for an earlier version of this work, 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 edition of a work previously registered in unpublished form.
 - This is the first application submitted by this author as copyright claimant.
 - This is a changed version of the work, as shown by line 6 of this application.
- If your answer is "Yes," give: Previous Registration Number *TX 392-788* Year of Registration *1979*

5
Previous Registration

COMPILATION OR DERIVATIVE WORK: (See instructions)

PREEXISTING MATERIAL: (Identify any preexisting work or works that this work is based on or incorporates.)
1980 Annual Book of ASTM Standards, Part 13

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

6
Compilation or Derivative Work

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
<i>Waverly Press, Inc.</i>	<i>Easton, Maryland</i>

7
Manufacturing

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS: (See instructions)

- 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.

Copies and phonorecords Copies Only Phonorecords Only

8
License for Handicapped

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: *Robert L. Meltzer, ASTM*

Address: *1916 Race Street*
Philadelphia, Pa *19103*
(City) (State) (ZIP)

9
Fee and Correspondence

CERTIFICATION: * I, the undersigned, hereby certify that I am the: (Check one) *American Society for Testing and Materials*

author other copyright claimant owner of exclusive right(s) authorized agent of: *(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.

Handwritten signature: (X) *Robert L. Meltzer*

Typed or printed name: *Robert L. Meltzer* Date: *11-10-80*

10
Certification (Applicant must be signed)

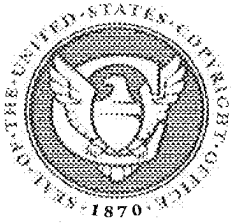
<p>MAIL CERTIFICATE TO</p> <p>(Certificate will be mailed in window envelope)</p>	<p>11 Address For Return of Certificate</p>
--	--

American Society for Testing and Materials
(Name)

1916 Race Street
(Number, Street and Apartment Number)

Philadelphia, Pa 19103
(City) (State) (ZIP code)

EXHIBIT 57



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.

Maria A. Pallante

Register of Copyrights, United States of America

Registration Number
TX 7-685-927

Effective date of
registration:

March 5, 2013

Title

Title of Work: ASTM C150-99a Standard Specification for Portland Cement

Completion/Publication

Year of Completion: 1999

Date of 1st Publication: December 1, 1999

Nation of 1st Publication: United States

Author

Author: ASTM International

Author Created: Entire Text

Work made for hire: Yes

Domiciled in: United States

Copyright claimant

Copyright Claimant: ASTM International

100 Barr Harbor Drive, West Conshohocken, PA, 19428, United States

Limitation of copyright claim

Material excluded from this claim: text

Previous registration and year: 1999

TX 4-787-636 1998

New material included in claim: text, editing

Rights and Permissions

Organization Name: ASTM International

Name: Kathleen Hooper

Email: khooper@astm.org

Telephone: 610-832-9634

Address: 100 Barr Harbor Drive

West Conshohocken, PA 19428 United States

Certification

Name: Kathleen Hooper

Date: March 1, 2013

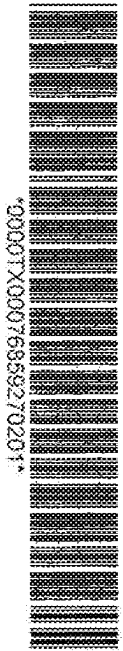


EXHIBIT 58

CERTIFICATE OF REGISTRATION

UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER



OFFICIAL SEAL

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

TX 4-584-449



TX0004584449

EFFECTIVE DATE OF REGISTRATION

11 12 97
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: CONSTRUCTION: THERMAL INSULATION, ENVIRONMENTAL ACOUSTICS

Volume ▼

04.06

Number ▼

04

Date on Copies ▼

NOVEMBER 1997

Frequency of Publication ▼

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

3 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:

4 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
1997

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: OCT Day: 15 Year: 1997 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.▼

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

APPLICATION RECEIVED

NOV 12 1997

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

NOV 12 1997

REMITTANCE NUMBER AND DATE

DO NOT WRITE HERE OFFICE USE ONLY

MORE ON BACK ▶
• Complete all applicable spaces (numbers 5-11) on the reverse side of this page
• See detailed instructions

DO NOT WRITE HERE
Page 1 of 2 pages

EXAMINED BY

[Handwritten signature]

FORM SE

CHECKED BY

CORRESPONDENCE
Yes

FOR
COPYRIGHT
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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.

5

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

Year of Registration ▼

TH#

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 04, Volume 04.06

6

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.

See instructions
before completing
this space

—space deleted—

7

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 Phonorecords
- b. Copies Only
- c. Phonorecords Only

See instructions

8

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 ▼ # DA078528

9

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

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.

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

10

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 ▶ 10/23/97

Handwritten signature (X) *[Signature]*

MAIL CERTIFICATE TO

Name ▼ Kathe Hooper, ASTM
Number Street Apartment Number ▼ 100 Barr Harbor Drive
City State Zip ▼ West Conshohocken, PA 19428-2959

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

Copyright fees are adjusted at 5-year intervals, based on increases or decreases in the Consumer Price Index. The next adjustment is due in 1995. Contact the Copyright Office in January 1995 for the new fee schedule.

11

* 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 59

TX 2-984-931

EFFECTIVE DATE OF REGISTRATION
2 4 91
Month Day Year

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

1

TITLE OF THIS SERIAL ▼
1990 Annual Book of ASTM Standards: **THERMAL INSULATION; ENVIRONMENTAL ACOUSTICS**

Volume ▼ **Number** ▼ **Date on Copies** ▼ **Frequency of Publication** ▼
if 04.06 OCTOBER 1990 ANNUAL

PREVIOUS OR ALTERNATIVE TITLES ▼

2

NOTE

a

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 ▼ United States

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

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

b

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

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

c

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

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 1990

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Month ▼ 10 Day ▼ 26 Year ▼ 90
Nation ▼ 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. ▼
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. ▼

APPLICATION RECEIVED
FEB 04 1991
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED
FEB 04 1991
REMITTANCE NUMBER AND DATE

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EXAMINED BY

FORM 5E

CHECKED BY

JN

TX 2-984-931

CORRESPONDENCE

Yes

FOR COPYRIGHT OFFICE USE ONLY

DEPOSIT ACCOUNT FUNDS USED

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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 2 227-249 Year of Registration ▼ 1989

5

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 ▼

1988 Annual Book of ASTM Standards, Section of Volume of 07

6

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.

See instructions before completing this space.

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

7

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 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 ▼ Account Number ▼

9

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 & 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

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 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 ▶

12/24/80

Handwritten signature (X) ▼

MAIL CERTIFICATE TO

Name ▼

Kathleen M. Hooper

Number/Street/Apartment Number ▼

ASTM, 1916 Race Street

City/State/ZIP ▼

Philadelphia, PA 19103

Note 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. 20558

11

* 17 U.S.C. § 502(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 60

Case 1:13-cv-01215-TSC Document 198-8 Filed 10/07/09 Page 18 of 70
CERTIFICATE OF REGISTRATION

FORM SB
 For a Serial
 UNITED STATES COPYRIGHT OFFICE
 REGISTRATION NUMBER



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.

Margybeth Peters
 REGISTER OF COPYRIGHTS
 United States of America

TX 5-008-019

EFFECTIVE DATE OF REGISTRATION
 Month 11 Day 15 Year 99

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

1

TITLE OF THIS SERIAL ▼

1999 Annual Book of ASTM Standards, Concrete and Aggregates

Volume ▼ Number ▼ Date on Copies Frequency of Publication ▼

04.02 04 October 1999 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

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

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

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

a 1999 Year
This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

b Complete this information ONLY if this work has been published
 Month ▶ October Day ▶ 15 Year ▶ 1999
United States 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 and 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.

DO NOT WRITE HERE OFFICE USE ONLY
 APPLICATION RECEIVED
NOV 15 1999
 ONE DEPOSIT RECEIVED
 TWO DEPOSITS RECEIVED
NOV 15 1999
 REMITTANCE NUMBER AND DATE

See instructions before completing this space.

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

AWD/PEAR

FORM 98

CHECKED BY

CORRESPONDENCE
Yes

FOR
COPYRIGHT
OFFICE
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 ▼

5

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. ▼
1998 Annual Book of ASTM Standards, Section 04, Volume 04.02

6

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.

See instructions before completing this space

---space deleted---

7

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 Phonorecords
- b. Copies Only
- c. Phonorecords Only

See instructions

8

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

9

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

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

Name/Address/Apt/City/State/ZIP ▼

Area Code & 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

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) ▼

10

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 ▶ 10-27-99

Handwritten signature (X) ▼
Robert L. Meltzer

MAIL
CERTIFICATE
TO

Name ▼
Kathe Hooper, ASTM

Number/Street/Apartment Number ▼
100 Barr Harbor Drive

City/State/ZIP ▼
West Conshohocken, PA 19428-2959

Certificate will be mailed in window envelope

THE FEES

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

SEND ALL PAYMENTS TO THE SAME ADDRESS

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

11

The Deposit 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 1998. Please contact the Copyright Office after July 1999 to determine the actual fee schedule.

*17 U.S.C. § 506(a). 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 61

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 1-696-496

October 2, 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 1 696 496

EFFECTIVE DATE OF REGISTRATION

September 12 85
Month Day Year

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1

TITLE OF THIS SERIAL ▼

1985 Annual Book of ASTM Standards
Volume 09.02 Section 9

Volume ▼	Number ▼	Date on Copies ▼	Frequency of Publication ▼
09.02	9	August	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: U.S.A.
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

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

NOTE
Under the law the 'author' of a

NAME OF AUTHOR ▼ **b**

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

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

NAME OF AUTHOR ▼ **c**

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

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 **1985** Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Month: August Day: 15 Year: 1985
United States 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 and Materials
1916 Race Street
Philadelphia, PA 19103

APPLICATION RECEIVED
SEP 12 1985 NOV 18 1985

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED
SEP 12 1985

REMITTANCE NUMBER AND DATE

See instructions before completing this space.

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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- Sign the form at line 10.

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CHECKED BY *MS/PJK*

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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 1-453-721 Year of Registration ▼ 1984

5

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. ▼

1984 Annual Book of ASTM Standards Volume 09.02, Section 9

6

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

See instructions before completing this space.

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.

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b. Copies Only

c. Phonorecords Only

See instructions.

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Name ▼ Account Number ▼

8

9

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 & 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 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 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 ▶ 8/30/85

10

Handwritten signature (X) *Robert L. Meltzer*

MAIL CERTIFICATE TO

Certificate 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.

11

* 17 U.S.C. § 508(a): 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 62

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 829-453

October 1, 2019

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

United States Register of Copyrights and Director

FORM TX

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER	
TX	829-453
(TX)	TXU
EFFECTIVE DATE OF REGISTRATION	
JAN 12 1982	
(Month)	(Day) (Year)

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

1 Title	TITLE OF THIS WORK: 1981 Annual Book of ASTM Standards Part 18: Thermal Insulation; Building Seals and Sealants Fire Standards; Building Constructions; Environmental.. <small>If a periodical or serial give Vol No Issue Date</small>	PREVIOUS OR ALTERNATIVE TITLES:
	PUBLICATION AS A CONTRIBUTION: (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.) <small>Title of Collective Work Vol No Date Pages</small>	

2 Author(s)	IMPORTANT: 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	<table border="1"> <tr> <td>NAME OF AUTHOR: American Society for Testing and Materials <small>Was this author's contribution to the work a "work made for hire"?</small> Yes <input checked="" type="checkbox"/> No</td> <td>DATES OF BIRTH AND DEATH: Born (Year) Died (Year)</td> </tr> <tr> <td>AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)</td> <td>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No <small>If the answer to either of these questions is "Yes," see detailed instructions attached.</small></td> </tr> <tr> <td colspan="2">AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text</td> </tr> </table>	NAME OF AUTHOR: American Society for Testing and Materials <small>Was this author's contribution to the work a "work made for hire"?</small> Yes <input checked="" type="checkbox"/> No	DATES OF BIRTH AND DEATH: Born (Year) Died (Year)	AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No <small>If the answer to either of these questions is "Yes," see detailed instructions attached.</small>	AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text	
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	NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"?</small> Yes No	DATES OF BIRTH AND DEATH: Born (Year) Died (Year)						
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	AUTHOR OF: (Briefly describe nature of this author's contribution)							
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NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"?</small> Yes No	DATES OF BIRTH AND DEATH: Born (Year) Died (Year)							
AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No <small>If the answer to either of these questions is "Yes," see detailed instructions attached.</small>							
AUTHOR OF: (Briefly describe nature of this author's contribution)								

3 Creation and Publication	YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED: Year 1981 <small>(This information must be given in all cases.)</small>	DATE AND NATION OF FIRST PUBLICATION: Date November 5 1981 <small>(Month) (Day) (Year)</small> Nation United States <small>(Name of Country)</small> <small>(Complete this block ONLY if this work has been published.)</small>
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4 Claimant(s)	NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S): American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
	TRANSFER: (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.)

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

TX 829-453	EXAMINED BY: <i>ML</i>	APPLICATION RECEIVED:	FOR COPYRIGHT OFFICE USE ONLY
	CHECKED BY: <i>MC</i>	DEPOSIT RECEIVED:	
	CORRESPONDENCE: <input type="checkbox"/> Yes	REMITTANCE NUMBER AND DATE: 109531 JAN 12 81	
	DEPOSIT ACCOUNT FUNDS USED: <input type="checkbox"/>		

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<p>PREVIOUS REGISTRATION:</p> <ul style="list-style-type: none"> 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 <input type="checkbox"/> If your answer is "Yes," why is another registration being sought? (Check appropriate box) <ul style="list-style-type: none"> <input type="checkbox"/> This is the first published edition of a work previously registered in unpublished form. <input type="checkbox"/> This is the first application submitted by this author as copyright claimant. <input checked="" type="checkbox"/> This is a changed version of the work, as shown by line 6 of this application. If your answer is "Yes," give: Previous Registration Number TX 627-131 Year of Registration 1980 	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">5</div> <p>Previous Registration</p>
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<p>COMPILATION OR DERIVATIVE WORK: (See instructions)</p> <p>PREEXISTING MATERIAL (Identify any preexisting work or works that this work is based on or incorporates.)</p> <p>{ 1980 Annual Book of ASTM Standards, Part 10 }</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>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">6</div> <p>Compilation or Derivative Work</p>
--	---

<p>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.)</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">NAMES OF MANUFACTURERS</td> <td style="width: 50%;">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	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">7</div> <p>Manufacturing</p>
NAMES OF MANUFACTURERS	PLACES OF MANUFACTURE				
Waverly Press, Inc.	Easton, MD				

<p>REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS: (See instructions)</p> <ul style="list-style-type: none"> 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 <p>a <input checked="" type="checkbox"/> Copies and phonorecords b <input type="checkbox"/> Copies Only c <input type="checkbox"/> Phonorecords Only</p>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">8</div> <p>License For Handicapped</p>
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<p>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.)</p> <p>Name: _____</p> <p>Account Number: _____</p>	<p>CORRESPONDENCE: (Give name and address to which correspondence about this application should be sent.)</p> <p>Name: Robert L. Meltzer, ASTM</p> <p>Address: 1916 Race Street</p> <p>Philadelphia, PA 19103</p> <p>(City) (State) (ZIP)</p>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">9</div> <p>Fee and Correspondence</p>
--	--	---

<p>CERTIFICATION: * I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing and Materials</p> <p><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: _____</p> <p>(Name of author or other copyright claimant or owner of exclusive right(s))</p> <p>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.</p> <p>Handwritten signature: (X) <i>Robert L. Meltzer</i></p> <p>Typed or printed name: Robert L. Meltzer Date: 12/29/81</p>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">10</div> <p>Certification (Application must be signed)</p>
--	--

<p>American Society for Testing and Materials</p> <p>1916 Race Street</p> <p>Philadelphia, PA 19103</p> <p>(City) (State) (ZIP Code)</p>	<p>MAIL CERTIFICATE TO</p> <p>(Certificate will be mailed in window envelope)</p>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">11</div> <p>Address For Return of Certificate</p>
--	--	---

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U.S. GOVERNMENT PRINTING OFFICE: 1980:511-425/1

EXHIBIT 63



OFFICIAL SEAL

This certificate, issued under the seal of the Copyright Office in accordance with the provisions of section 410(a) of title 17, United States Code, attests that copyright registration has been made for the work identified below. The information in this certificate has been made a part of the Copyright Office records.

REGISTER OF COPYRIGHTS United States of America

REGISTRATION NUMBER: 3 278 409
EFFECTIVE DATE OF REGISTRATION: MAR 30 1992
Month: March, Day: 30, Year: 1992

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

1 TITLE OF THIS SERIAL: 1991 Annual Book of ASTM Standards: CONSTRUCTION; THERMAL INSULATION; ENVIRONMENTAL ACOUSTICS
Volume: 04.06, Number: 04, Date on Copies: OCTOBER, Frequency of Publication: ANNUAL

2 a NAME OF AUTHOR: American Society for Testing and Materials
DATES OF BIRTH AND DEATH: Year Born, Year Died

NOTE

Under the law, the "author" of a "work made for hire" is generally the employer...

Was this contribution to the work a "work made for hire"? [X] Yes
AUTHOR'S NATIONALITY OR DOMICILE: Citizen of United States
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: [] Anonymous, [] Pseudonym

b NAME OF AUTHOR
DATES OF BIRTH AND DEATH

Was this contribution to the work a "work made for hire"? [] Yes
AUTHOR'S NATIONALITY OR DOMICILE
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

c NAME OF AUTHOR
DATES OF BIRTH AND DEATH

Was this contribution to the work a "work made for hire"? [] Yes
AUTHOR'S NATIONALITY OR DOMICILE
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED: 1991
DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE: U.S.A., 11/7/1991

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

APPLICATION RECEIVED: MAR 30 1992
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED: MAR 30 1992
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.

EXAMINED BY: [Signature]
CHECKED BY: [Signature]
CORRESPONDENCE: Yes

FOR COPYRIGHT OFFICE USE ONLY

TX# 3 278 409

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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# 2 992 567

1990

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.

1990 Annual Book of ASTM Standards, Section 04, Volume 04.07.

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...

- a. Copies and Phonorecords
b. Copies Only
c. 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.

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

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 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)

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

2/25/92



Handwritten signature (X)

Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate 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. Necessary \$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.

EXHIBIT 64

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 1-041-470

October 1, 2019

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

United States Register of Copyrights and Director

FORM TX

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER	
TX	1-041-470
TX	TXU
EFFECTIVE DATE OF REGISTRATION	
(Month)	(Day) (Year)

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

1 Title	TITLE OF THIS WORK: 1982 Annual Book of ASTM Standards Part 18 Thermal Insulation; Building Seals and Sealants <small>If a periodical or serial give Vol No Issue Date</small>	PREVIOUS OR ALTERNATIVE TITLES:
	PUBLICATION AS A CONTRIBUTION: (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.) <small>Title of Collective Work Vol No Date Pages</small>	

2 Author(s)	IMPORTANT: Under the law, the "author" of a "work made for hire" is generally the employer (or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates blank							
	1	<table border="1"> <tr> <td>NAME OF AUTHOR: American Society for Testing and Materials <small>Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No</small></td> <td>DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small></td> </tr> <tr> <td>AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)</td> <td>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No</td> </tr> <tr> <td>AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text</td> <td><small>If the answer to either of these questions is "Yes," see detailed instructions attached</small></td> </tr> </table>	NAME OF AUTHOR: American Society for Testing and Materials <small>Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No</small>	DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small>	AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No	AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text	<small>If the answer to either of these questions is "Yes," see detailed instructions attached</small>
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	AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text	<small>If the answer to either of these questions is "Yes," see detailed instructions attached</small>						
	2	<table border="1"> <tr> <td>NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes No</small></td> <td>DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small></td> </tr> <tr> <td>AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)</td> <td>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No</td> </tr> <tr> <td>AUTHOR OF: (Briefly describe nature of this author's contribution)</td> <td><small>If the answer to either of these questions is "Yes," see detailed instructions attached</small></td> </tr> </table>	NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes No</small>	DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small>	AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No	AUTHOR OF: (Briefly describe nature of this author's contribution)	<small>If the answer to either of these questions is "Yes," see detailed instructions attached</small>
	NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes No</small>	DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small>						
	AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No						
	AUTHOR OF: (Briefly describe nature of this author's contribution)	<small>If the answer to either of these questions is "Yes," see detailed instructions attached</small>						
3	<table border="1"> <tr> <td>NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes No</small></td> <td>DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small></td> </tr> <tr> <td>AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)</td> <td>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No</td> </tr> <tr> <td>AUTHOR OF: (Briefly describe nature of this author's contribution)</td> <td><small>If the answer to either of these questions is "Yes," see detailed instructions attached</small></td> </tr> </table>	NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes No</small>	DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small>	AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No	AUTHOR OF: (Briefly describe nature of this author's contribution)	<small>If the answer to either of these questions is "Yes," see detailed instructions attached</small>	
NAME OF AUTHOR: <small>Was this author's contribution to the work a "work made for hire"? Yes No</small>	DATES OF BIRTH AND DEATH: <small>Born (Year) Died (Year)</small>							
AUTHOR'S NATIONALITY OR DOMICILE: Citizen of (Name of Country) } or { Domiciled in (Name of Country)	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No							
AUTHOR OF: (Briefly describe nature of this author's contribution)	<small>If the answer to either of these questions is "Yes," see detailed instructions attached</small>							

3 Creation and Publication	YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED: Year 1982 <small>(This information must be given in all cases)</small>	DATE AND NATION OF FIRST PUBLICATION: Date November 15 1982 <small>(Month) (Day) (Year)</small> Nation UNITED STATES <small>(Name of Country)</small> <small>(Complete this block ONLY if this work has been published)</small>
--------------------------------------	--	---

4 Claimant(s)	NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S): American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
	TRANSFER: (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 1-041-470	EXAMINED BY CHECKED BY <i>X</i>	APPLICATION RECEIVED 06 JAN 1983	FOR COPYRIGHT OFFICE USE ONLY
	CORRESPONDENCE <input type="checkbox"/> Yes	DEPOSIT RECEIVED 06 JAN 1983 06 JAN 1983	
	DEPOSIT ACCOUNT FUNDS USED <input type="checkbox"/>	REMITTANCE NUMBER AND DATE 93662 JAN 683	

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

PREVIOUS REGISTRATION: <ul style="list-style-type: none"> • Has registration for this work, or for an earlier version of the work, already been made in the Copyright Office? Yes <i>X</i> No • If your answer is "Yes," why is another registration being made? (Check appropriate box) <ul style="list-style-type: none"> <input type="checkbox"/> This is the first published edition of a work previously registered in unpublished form <input type="checkbox"/> This is the first application submitted by this author/publisher/claimant <input checked="" type="checkbox"/> This is a changed version of the work, as shown by the title of this application • If your answer is "Yes," give Previous Registration Number TX 829-453 Year of Registration 1981 	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 5 </div> <p style="text-align: center; font-weight: bold;">Previous Registration</p>
---	--

COMPILATION OR DERIVATIVE WORK: (See instructions) PREEXISTING MATERIAL (Identify any preexisting work or works that this work is based on or incorporates) { 1981 Annual Book of ASTM Standards, Part 18 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	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 6 </div> <p style="text-align: center; font-weight: bold;">Completion or Derivative Work</p>
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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)	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 7 </div> <p style="text-align: center; font-weight: bold;">Manufacturing</p>				
<table style="width:100%;"> <tr> <th style="width:50%;">NAMES OF MANUFACTURERS</th> <th style="width:50%;">PLACES OF MANUFACTURE</th> </tr> <tr> <td style="height: 40px; vertical-align: top;">Waverly Press, Inc.</td> <td style="height: 40px; vertical-align: top;">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				

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED PERSONS: (See instructions) <ul style="list-style-type: none"> • 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 <p style="text-align: center;"> a <input checked="" type="checkbox"/> Copies and phonorecords b <input type="checkbox"/> Copies Only c <input type="checkbox"/> Phonorecords Only </p>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 8 </div> <p style="text-align: center; font-weight: bold;">License For Handicapped</p>
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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: Robert L. Meltzer, ASTM Address: 1916 Race Street Philadelphia PA 19103 (City) (State) (ZIP)	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 9 </div> <p style="text-align: center; font-weight: bold;">Fee and Correspondence</p>
---	--	---

CERTIFICATION: * I, the undersigned, hereby certify that I am the: (Check one) <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 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. Handwritten signature: (X) <i>Robert L. Meltzer</i> Typed or printed name: Robert L. Meltzer Date: 11/29/82	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 10 </div> <p style="text-align: center; font-weight: bold;">Certification (Application must be signed)</p>
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<div style="border: 2px solid black; border-radius: 20px; padding: 10px; text-align: center;"> American Society for Testing and Materials (Name) 1916 Race Street (Number, Street and Apartment Number) Philadelphia PA 19103 (City) (State) (ZIP code) </div>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> 11 </div> <p style="text-align: center; font-weight: bold;">Address For Return of Certificate</p> <p style="text-align: center; font-weight: bold;">MAIL CERTIFICATE TO</p> <p style="text-align: center; font-weight: bold;">(Certificate will be mailed in window envelope)</p>
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EXHIBIT 65

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	176757
DO NOT WRITE HERE	

Instructions: Make sure that all applicable spaces have been completed before you submit the form. The application must be **SIGNED** at line 10 and the **AFFIDAVIT** (line 11) must be **COMPLETED AND NOTARIZED**. The application should not be submitted 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.

1. 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.

Name American Society for Testing and Materials
 Address 1916 Race St., Phila., Pa. 19103

Name _____
 Address _____

2. Title: Part 28 - 1970 Annual Book of ASTM Standards: Rubber; Carbon Black;
 (Give the title of the book as it appears on the title page)

Gaskets

3. 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.

Name American Society for Testing and Materials Citizenship U.S.
 (Give legal name followed by pseudonym if latter appears on the copies) (Name of country)

Domiciled in U.S.A. Yes No _____ Address 1916 Race St., Phila., Pa. 19103

Name _____ Citizenship _____
 (Give legal name followed by pseudonym if latter appears on the copies) (Name of country)

Domiciled in U.S.A. Yes _____ No _____ Address _____

Name _____ Citizenship _____
 (Give legal name followed by pseudonym if latter appears on the copies) (Name of country)

Domiciled 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.

31 July 1970
 (Month) (Day) (Year)

5. New Matter in This Version: (NOTE: Leave line 5 blank unless the following instructions apply to this work.) 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.

Compilation of previously published texts and additional text

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 _____

EXAMINER
[Signature]

If your answer is "Yes," give registration number _____ on next page

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.

9. Send certificate to:
(Type or print name and address) Name American Society for Testing and Materials Address 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. (3) 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 ss: 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) 31 July 1970 (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) Easton, Maryland (U.S.A.)

Albert L. Batik (Signature of affiant)

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

Subscribed and sworn to affirmed before me this 31st day of August 1970

Mae E. Rumer (Signature of notary)

Application and affidavit received SEP-3 1970
Two copies received SEP-3 1970
Fee received 19662 SEP-3 70
Renewal

FOR COPYRIGHT OFFICE USE ONLY My Commission Expires January 20, 1971

Page 1 Application for Registration in a published book manuscript

Instructions: Make sure that all completed before you submit the be SIGNED at line 10 and the COMPLETED AND NOTARIZED. be submitted until after the date and should state the facts with further information, see page 4

1. Copyright Claimant(s) and name(s) should be the same as American Society for Testing and Materials 1916 Race Street

2. Title: PART 31: Mechanical, Non-Electrical Effect of Temperature

3. Authors: Citizenship given. Where a work was authored. The citizenship Federal or State law

4. Date of Publication date when copies on sale, sold, or printed 31

5. New Matter work has been general statement

NOTE

6. Book in English previously published

EXHIBIT 66



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

REGISTRATION NUMBER: TX 4-223-325 EFFECTIVE DATE OF REGISTRATION: 3 19 96

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: Petroleum Products, Lubricants, and Fossil Fuels - Petroleum Products and Lubricants (1)

Volume: 05 Number: 01 Date on Copies: February 1996 Frequency of Publication: Annual

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"? [X] Yes [] No AUTHOR'S NATIONALITY OR DOMICILE: Citizen of United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Pseudonymous?

NATURE OF AUTHORSHIP: Entire Text

NAME OF AUTHOR: (Empty)

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: Citizen of, Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Pseudonymous?

NATURE OF AUTHORSHIP: (Empty)

NAME OF AUTHOR: (Empty)

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: Citizen of, Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Pseudonymous?

NATURE OF AUTHORSHIP: (Empty)

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED: 1996 DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE: February 21 1996 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 1916 Race Street Philadelphia, PA 19103-1187

APPLICATION RECEIVED: MAR 19 1996 ONE DEPOSIT RECEIVED TWO DEPOSITS RECEIVED: MAR 19 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.

DO NOT WRITE HERE Page 1 of 2 pages

EXAMINED BY

CHECKED BY

FORM SE

AWD

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 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# 4-029-460 1995

5

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. ▼

1995 Annual Book of ASTM Standards, Section 05, Volume 01.

6

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.

See instructions before completing this space

—space deleted—

7

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 Phonorecords b. Copies Only c. Phonorecords Only

See instructions

8

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.

American Society for Testing and Materials Account Number DA078328

9

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

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) ▲

10

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 13, 1996

Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate 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

11

* 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