



2021 Marine Chemists Directory

**A Directory of NFPA Certificated Marine Chemists
Including Rules for the Certification and
Recertification of Marine Chemists**

UPDATED 05-20-2021



One Batterymarch Park, Quincy, MA 02169-7471



National Fire Protection Association®

Executive Office, One Batterymarch Park, Quincy, MA 02169-7471

NFPA, Publisher of this Marine Chemists Directory, was organized in 1896 to promote the science and improve the methods of fire protection and fire prevention. It is a nonprofit, educational, voluntary-membership organization recognized internationally as a clearinghouse for information on fire prevention. It is also recognized internationally as an authoritative source for fire-loss experience.

Membership in NFPA is open to anyone interested in fire-loss reduction. Among the many membership benefits are a vote in the standards-making activities of the Association; copies of the bimonthly NFPA Journal; and copies of NFPA Update, issued bimonthly. For complete details on membership, write the Association, One Batterymarch Park, Quincy, MA 02169-7471 or call (617) 770-3000. NFPA's web site is at www.nfpa.org

This Directory is updated quarterly and posted to the NFPA web site.

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2021 Marine Chemists Directory

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MARINE CHEMIST DIRECTORY 2021

FOREWORD

This is a directory listing all currently Certificated Marine Chemists as of the date of publication. The list is published annually by the National Fire Protection Association (NFPA). This directory also provides a listing of the Marine Field Service Advisory Committee, Marine Chemist Qualification Board and NFPA Technical Committee on Gas Hazards as organized at the time of publication. An electronic version of this directory which is periodically updated may be downloaded from the Certificated Marine Chemist (CMC) page on the NFPA website:

<https://www.nfpa.org/Training-and-Events/Certification/Certification/Marine-chemists>

Any questions regarding this directory should be brought to the attention of the Marine Field Service at NFPA at telephone number 617-984-7418 or by email to marine@nfpa.org.

Who is the NFPA Certificated Marine Chemist?

The United States Coast Guard and the Occupational Safety and Health Administration (OSHA) require that a Certificate issued by a Marine Chemist be obtained before hot work or fire producing operations can be carried out in certain spaces aboard a marine vessel. The appropriate U.S. Coast Guard Regulations are contained in 46 CFR 35.01-1(c) (1), 71.60-1(c) (1), 91.50-1(c) 109.573 (1), 115.710 (b) (1), 126.160 (c) (1), 140.665 (c) (1); 167.30-10(c) (1), 176.710 (b) (1), and 189.50-1(c) (1). The appropriate OSHA regulations are contained in 29 CFR 1915.14.

In complying with both the U.S. Coast Guard and OSHA regulations, the Marine Chemist applies the requirements contained in NFPA 306, *Standard for the Control of Gas Hazards on Vessels*. This standard describes the conditions that must exist aboard a marine vessel. A survey by the Marine Chemist ensures that these conditions are satisfied.

In addition, a Marine Chemist, by virtue of his or her training and continuous professional upgrading through the Certification program administered by the Marine Chemist Qualification Board, is able to perform similar evaluations on other than marine vessels where an unsafe environment exists for workers or hot work is contemplated on a system that might contain residues of a flammable or combustible product. Such latter work, if other than shipyard or related employment, would be outside the scope of NFPA 306.

The *Rules for the Certification and Recertification of Marine Chemists* are found in Appendix A of this directory. To get more information about the NFPA Certificated Marine Chemist Program or becoming a NFPA Certificated Marine Chemist, please contact the NFPA Marine Field Service.

MARINE CHEMIST DIRECTORY 2021
NFPA COMMITTEE PERSONNEL

Marine Field Service Advisory Committee

Lamar E. Labauve, Chairman
Delta Laboratory Training, LLC
10703 Lindsay Lane
Denham Springs, LA 70726

Donald Raffo
Marine Chemist Association
76 Farmholme Road
Stonington, CT. 06378

Bradley M. Achorn
American Bureau of Shipping
16855 Northchase Drive
Houston, TX 77060

James E. Tighe
American Waterways Operators
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Washington, DC 20036

Edward F. Wilmot
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Davis L. Gaddy
Shipbuilders Council of America
20 F Street, Suite 500
Washington, DC 20001

Lawrence B. Russell*
National Fire Protection Association
Executive Secretary

**Non-voting Status*

Suzanne Lemieux
American Petroleum Institute
1220 L Street NW
Washington, DC 20005-4070

Scope

This Committee is established to advise and assist the President of the Association in the administration of the Marine Field Service and to facilitate communication between the sponsoring elements of the maritime industry and the management of the Association. The Committee will consult with the President in the selection and appointment of staff personnel assigned to the Service, will provide advisory assistance to the President in its administration, and will receive periodic reports thereof.

**MARINE CHEMIST DIRECTORY 2021
NFPA COMMITTEE PERSONNEL**

Marine Chemist Qualification Board

Voting Members

Terry Guidry, Chairman
The American Equity Underwriters, Inc.
11 North Water Street
Mobile, AL 36602
(1st Term Expires 1/22)

Michael Bellow, CSP
Conrad Shipyard
1501 Front Street
Morgan City, LA 70380
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Jacksonville, FL 32225
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Met-Chem, Inc.
PO Box 61420
N Charleston, SC 29419-1420
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4101 Washington Avenue
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Newport News, VA 23607
(2nd Term Expires 6/24)

Brian A. Axelrad (Alternate to J Ward)
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Occupational Safety & Health Administration*
200 Constitution Ave., NW, Rm. N-3621
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Carolyn Wachuku Onye, MS, CIH
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(Energy, Installations and Environment)*
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Lawrence B. Russell
National Fire Protection Association
Executive Secretary
1 Batterymarch Park
Quincy, MA 02169

Scope

Scope and Purpose (see Appendix B for complete Regulations). Appointed by the NFPA Board of Directors, the Marine Chemist Qualification Board (MCQB) shall:

1. Establish the Rules for the Certification and Recertification of Marine Chemists, which shall be adopted by the NFPA Board of Directors.
2. Act on applications for certification and recertification as a Marine Chemist or registration as a trainee.
3. Suspend, cancel or revoke a certificate in accordance with the Rules.
4. Renew certificates based upon satisfactory compliance with the requirements of the Rules and the MCQB.

MARINE CHEMIST DIRECTORY 2021
NFPA COMMITTEE PERSONNEL

Technical Committee on Gas Hazards
Principal Members

James R. Thornton, Chairman
Newport News Shipbuilding
68 Oakville Road
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Robert V. Albert, PhD.,
U.S. Dept. of the Navy, NAVSEA
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Honeywell Analytics
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Annapolis, MD 21403

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1000 Cranberry Woods Drive
Cranberry Township, PA 16068
(*Rep. International Safety Equipment Assn.*)

Thomas T. Govey
Marathon Petroleum Logistics
101 12th Street
Catlettsburg, KY 41129
(*Rep. American Petroleum Institute*)

Gregory Grondin
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6 Beech Drive
Brunswick, ME 04011
(*Rep. Marine Chemist Association, Inc.*)

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2703 Martin Luther King Jr. Avenue SE
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Washington, DC 20036-3115

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General Dynamics/Electric Boat Corporation
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75 Eastern Point Road
Groton, CT 06340
(*Rep. American Shipbuilding Association*)

Joseph A. Riva
American Bureau of Shipping
16855 Northchase Drive
Houston, TX 77060

John W. Sansing
Kirby Inland Marine, LP
16402-1/2 DeZavala
Channelview, TX 77530
(*Rep. American Waterways Operators*)

Amy A. Wangdahl
Occupational Safety & Health Administration
200 Constitution Ave. NW, Room N-3609
Washington, DC 20210

**MARINE CHEMIST DIRECTORY 2021
NFPA COMMITTEE PERSONNEL**

**Technical Committee on Gas Hazards
Alternates & Non-voting Members**

John T. Bell
Marine Inspection Services, Inc.
P. O. Box 1289
Channelview, TX 77530-1289
(Rep. Marine Chemists Association, Inc.)
(Alternate to L. Blaize)

John R. Ward, Jr.
Huntington Ingalls Industries
Newport News Shipbuilding
4101 Washington Avenue
Newport News, VA 23607-2734
(Alternate to J. Thornton)

James P. Bruff
Atlantic Coast Marine Chemist, LLC
1423 Rolling Glen Drive #A
Boothwyn, PA 19061-2839
(Rep. Marine Chemists Association, Inc.)
(Alternate to G. Grondin)

Lawrence B. Russell*
National Fire Protection Association
Staff Liaison

Joseph J. Cox
Chamber of Shipping of America
1730 Rhode Island Avenue, NW, Suite 702
Washington, DC 20036
(Alternate to S. Kline)

*Nonvoting Member

Scope

The Committee shall have primary responsibility for documents on the prevention of fire and explosion of flammable vapors in compartments or in spaces on board vessels and within shipyards and on the conditions that must exist in those compartments or spaces in order that workers can safely enter them and perform work.

MARINE CHEMIST DIRECTORY 2021
Certificated Marine Chemists (Alphabetical Order)

(In Alphabetical Order — Name, CMC No. and State)

A

**Albert, Robert V. — 690 — MA
**Axelrad, Brian A. — 691 — LA

B

Babin, Jason D. — 684 — LA
Bailey, August V., Jr. — 652 — LA
**Ball, Ryan W. — 709 — IL
**Beacham, Thomas L. — 635 — VA
Bell, John L. — 710 — TX
**Bell, John T. — 585 — TX
**Bennett, David C. — 681 — FL
**Bennett, Tyler—734— LA
Beringer, Patrick A.— 740 — SC
**Berna, Bryan E. — 739— WA
Bishop, James R., Jr. — 639 — TX
**Blair, George D. — 637 — WA
**Blaize, Leslie — 586 — OR
**Bonds, Alan — 680 — TX
**Bruff, James P. — 671 — PA
Bruff, Mark R.—731— PA, MD

C

**Campbell, Brent R.— 724— FL
Capen, David J., Sr. — 632 — SC
**Carr, Jeffry — 664 — CA, Japan
Carter, Marley— 564 — HI
**Chou., Max—733 — VA
**Clemons, Garet S.— 729 — LA

D

**Dean, Robert — 687 — KY
Dickinson, Vincent — 720 — ME
**Dovinh, Philip — 667 — WA
**Duff, Blair — 698 FL, PR, VI

E

**Edgar, John — 686 — AL

F

**Fernandez, John M. - 696 — Guam, Philippines
**Fleming, Vince — 693 — VA
**Flynn, John G. — 623 — OR

G

**Gadbois, Greg M.— 718 — OR
**Giles, Philip J. — 670 — NH, MA, PR, VI
Gillespie, Matthew S.— 737— SC
**Godfrey, Scott — 692 — TX
Govey, Thomas T. 677 — KY
Graham, Joseph — 695 — AK
**Gronda, Stephen F. — 659 — NY, NJ
**Grondin, Gregory G. — 676 — ME

H

Hair, Glynn — 636 — MS
**Hanson, Jeffery D. — 726 — CA
Hebert, Troy — 683 — LA
**Hernandez, Scott P. — 648 — OR
**Hickey, J. Patrick — 669 — NH, MA
**Hughes, Robert A. — 723 — KY

J

Jenny, Geoffrey A. — 685 — LA
**Jones, Lynn R. — 703 — TX

K

Kemmerer, Matthew G. — 707 — IL
Kuebler, Lucas G.—728— TX

L

**LaRue, Adam M.— 715 — VA
**Lee, Bobby Toshio — 602 — HI
Li, Franklin — 738 — CA
**Liu, Amy S. — 706 — WA
**Loprino, John D.—722 — FL

M

Marshall, Joshua — 721 — SC
**Marstellar, Richard — 694 — VA
**Matthews, Anthony — 634 — NJ
**Mercer, Kenneth L. — 577 — TX
**Miller, David J. — 663 — SC
Montanti, Austin L.— 727— NY, NJ
**Moore, Eric L. — 626 — TX
**Morris, Ronald B. — 655 — VA

MARINE CHEMIST DIRECTORY 2021
Certificated Marine Chemists (Alphabetical Order)

(In Alphabetical Order — Name, CMC No. and State)

N

**Nunn, Kerry L. — 665 — VA

P

**Pempeit, Vincent W.— 719 — CA

Petite, Blaine J. — 713 — LA

Phillippi, John M. — 704 — AL

Pitt, Leland S. — 654 — CA

R

**Raffo, Donald V. — 668 — CT

**Raffo, Peter J.— 735 — CT

**Rebstock, Jack B. — 702 — LA

**Rodriguez, Robert R.—730—TX

**Rustad, H. Evans, Jr. — 641 — LA

S

Schmidt, Michael A. — 642 — CA

**Schmitt, Michael L. — 711 — HI

Scott, Christopher — 621 — LA

**Simpson, Robert T. — 708 — CA

**Snell, Gary B. — 697 — MS

T

**Taylor, Jason T. — 714 — TX

**Tew, Robert W. — 712 — VA

**Thompson, Christopher R.— 716 — LA

Trettevik, Craig — 688 — WA

Trettevik, Joseph— 725— WA

Turcotte, Toby N. — 705 — LA

V

Van Huis, Jonathan D.— 736 — TX

W

Walker, John G. — 628 — NC

**Walker, Robert H., III — 645 — VA

**Ward, John R. Jr., — 651 — VA

Warner, Charles D., Jr. — 732—TX

Watkins, Charles E., Jr. — 619 — CA

**Webster, Paul — 675 — CA

Weiffenbach, Denis L. — 643 — FL

**Wellons, W. Rick — 662 — VA

Z

**Zile, Jeffrey A. — 700 — TX

***Special Endorsement for Flammable
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Explanation of Abbreviation Found in Geographic Listing of Marine Chemists:

CIH — Certified Industrial Hygienist

CSP — Certified Safety Professional

CHCM—Certified Hazard Control Manager

CHMM — Certified Hazard Materials Manager

OHST— Occupational Health & Safety Technologist

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
ATLANTIC COAST SECTION

Maine

Dickinson, Vincent, 720
General Dynamics - Bath Iron Works
700 Washington Street
Bath, ME 04530
Phone: (207) 442-1790
Cell: 207-756-3601
Email: vince.dickinson@gdbiw.com

****Gregory G. Grondin, 676**
Downeast Laboratories, Inc.
6 Beech Drive
Brunswick, ME 04011
Cell: 207-751-1005
Email: gregory3462@gmail.com

New Hampshire

****Philip J. Giles, 670**
See Listing in Massachusetts

****J. Patrick Hickey, 669**
Atlantic Marine Chemist, Inc. .
401 State Street, Suite J-213
Portsmouth, NH 03801
Cell: 617-733-5864
Email: cmc669@gmail.com

Massachusetts

****Robert V. Albert, 690**
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Merrimac, MA 01860
Phone: 207-438-1504
Fax: 207-438-1591
Email: robert.albert@navy.mil
Res. Phone: 978-228-0733
Res. Email: vinnyal@yahoo.com

****Philip J. Giles, 670**
North Atlantic Ship Repair
32A Drydock Avenue
Boston, MA 02210
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Email: PGiles@nashiprepair.com

****J. Patrick Hickey, 669**
Atlantic Marine Chemist, Inc. .
57 Oak Ridge Road
Boxford, MA 01921
Phone: 617-733-5864
Email: cmc669@gmail.com

Connecticut

****Donald V. Raffo, 668**
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Stonington, CT 06378
Phone: 860-599-3079
Cell: 860-303-5011
Email: dvraff@comcast.net

****Peter J. Raffo, 735, CSP**
Cell: 860-823-8835
Email: pjraffo76@gmail.com

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
ATLANTIC COAST SECTION

New York

****Stephen F. Gronda, 659**
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Glen Cove, NY 11542
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Cell: 516-650-9652
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Austin L. Montanti, 727
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New Jersey

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See Listing in New York

****Anthony Matthews, 634**
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Maryland

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Virginia

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Marine Chemist & Environmental Consultants, Inc.
6205 Amherst Circle
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Phone: 757-288-5340
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****Adam M. LaRue, 715**
Marine Chemists Tidewater, LLC
3732 Lynnfield Dr
Virginia Beach, VA 23452
Cell: 757-615-4850
Email: mctidewater20@gmail.com

****John R. Ward, Jr., 651**
Huntington Ingalls Industries/Newport News Shipbuilding
4101 Washington Avenue
Newport News, VA 23607
Phone: 757-778-1089
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Residence:
104 Lexington Lane
Kill Devil Hills, NC 27948

****Vince M. Fleming, 693**
Marine Chemist Testing, LLC
P.O. Box 6554
Chesapeake, VA 23323
Cell: 757-618-7163
Email: marinechemisttesting@gmail.com

Virginia listings continued on next page.

MARINE CHEMIST DIRECTORY 2021

Geographic Listing of Marine Chemists

ATLANTIC COAST SECTION

Virginia listings continued

****Ronald B. Morris, 655**
Marine Chemist Atlantic, Inc.

7301 Shirland Avenue
Norfolk, VA 23505
Phone: 757-451-0655
Fax/Res.: 757-451-0654
Cell: 757-403-6539
Email: rbmcat@msn.com

****Kerry L. Nunn, 665**
Coastwise Marine Chemist, Inc.

801 Railway Road
Yorktown, VA 23692
Cell: 757-876-6921
Email: kerrynunn@cox.net

Marine Chemists of Virginia

****Robert Tew, 712**

16196 Quaker Pointe
Windsor, VA 23487
(757)739-3250
Email: Marinechemistsva@gmail.com

Marine Chemist Service, Inc.

11850 Tug Boat Lane
Newport News, VA 23606-2527
Offices:
Newport News Phone: 757-873-0933
Fax: 757-873-1074
Norfolk Phone: 757-640-1121
Fax: 757-625-5696

****Robert H. Walker, III, 645**

Cell: 757-651-2312
Email: RWalker@MarineChemist.com

****Richard M. Marsteller, 694**

Cell: 757-870-3319
Email: rmarsteller@marinechemist.com

****Max Chou, 733**

Cell: 757-707-4742
Email: maxchou4@gmail.com

****W. Rick Wellons, 662**

Colonna's Shipyard, Inc.

400 E. Indian River Road
Norfolk, VA 23523
Phone: 757-545-2414 XT 4230
Fax: 757-545-5475

****W. Rick Wellons, 662**

Marine Chemist Inspections, Inc.

447 Tiki Way
Chesapeake, VA 23322-2272
Phone: 757-548-8367
Fax: 757-549-9944
Cell: 757-434-1794
Email: wellons662@cox.net

North Carolina

John G. Walker, 628

Marine Chemist of the Carolinas

229 Sea Oats Trail
Southern Shores, NC 27949-3110
Phone: 757-618-5654
Alternate: 757-618-5656
Email: jgwalker628@charter.net

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
ATLANTIC COAST SECTION

South Carolina

MET-Chem, Inc.

P. O. Box 61420
North Charleston, SC 29419
Phone: 843-745-9790
Fax: 843-745-9792

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Email: pberinger@gasfreesc.com
Cell: 843.408.8430

****David J. Miller, 663**

Email: dmiller@act-sc.com

Joshua E. Marshall, 721

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Cell: 843.834.6634

Matthew S. Gillespie, 737

Email: mgillespie@gasfreesc.com
Cell: 843.518.3780

David J. Capen, Sr., 632

Upper Chesapeake Chemist Co., Inc.

P.O. Box 3249
N. Myrtle Beach, SC 29582
Office: 800-382-7447
Cell: 410-960-5450
Email: marchem632@gmail.com

Florida

***Marine Chemist Company
of North Florida, Inc.***

Jacksonville/Cape Canaveral/Savannah

P.O. Box 331081
Atlantic Beach, FL 32233-1081
Office Phone: 904-314-5484
Fax: 904-371-8468
Website: www.marinechemistco.com

****David C. Bennett, 681**

Cell: 904-314-5484
Email: chemist681@msn.com

****Brent R. Campbell, 724**

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Email: mchemist724@gmail.com

Florida listings continued

****Blair M. Duff, 698**

Marine Chemists & Testing Company, Inc.

P.O. Box 22683
Ft. Lauderdale, FL 33335
Cell: 305-469-7594
Email: marinechemist@gmail.com

Florida listings continued

Marine Inspection Services

Denis (Whiff) Weiffenbach, 643

3509 Bruton Road
Plant City, FL 33565
Phone: 813-393-0697
Email: whiff4244@gmail.com
Billing: 281-457-5552

****John D. Lopprino, 722**

Marine Chemical Services

P.O. Box 76121
Tampa, FL 33602
Cell: (813) 777-5365
Email: marinechemicalservices@gmail.com

Puerto Rico, U.S. Virgin Islands

****Blair M. Duff, 698**

Marine Chemists & Testing Company, Inc.

P.O. Box 22683
Ft. Lauderdale, FL 33335
Cell: 305-469-7594
Email: marinechemist@gmail.com

****Philip J. Giles, 670**

New England Marine Chemist Services, Inc.

57 Dudley Road
Brentwood, NH 03833
Phone: 603-772-8924
Fax: 603-772-8947
Cell: 603-234-9701
Email: cmc670@comcast.net
pgiles@northeastship.com

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
GULF-INLAND SECTION (INLAND WATERS)

Illinois

Kentucky listings continued.

****Ryan W. Ball, 709**
Marine Chemist of St. Louis, Inc.
30213 Mitchell Creek Road
Brighton, IL 62012
Cell: 618-616-7699
Email: rwbll709@gmail.com

****Robert A. Hughes, 723**
Waterways Labs Industries, Inc..
291 Hillington Dr.
Paducah, KY 42001
Phone: 270-556-4957
Email: rhughes81@gmail.com

Matthew G. Kemmerer, 707
Chicago/Great Lakes Region
Current Marine Services, Inc.
6688 Joliet Road #288
Indian Head Park, IL 60525
Email: chemist707@gmail.com
Phone: 314.780.0801

Kentucky

****Robert D. Dean, 687**
James Marine
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Paducah, KY 42001
Email: rdean@jamesmarine.com
Residence:
425 Babbland Drive
Paducah, KY 42003
Phone: 270-898-7392
Fax: 270-898-3301
Cell: 270-933-2276
Email: rddean2009@gmail.com

Thomas T. Govey, 677
Marathon Petroleum
101 12th Street
Catlettsburg, KY 41129
Phone: 606-922-0039
Cell: 606-694-5181
Residence:
22210 Country Club Drive
Catlettsburg, KY 41129
Email: tgovey@windstream.net

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
GULF-INLAND SECTION (GULF COAST)

Alabama

Gulf Marine Chemists, Inc.

P. O. Box 1325
Mobile, AL 36633
Phone: 251-433-9871

John M. Phillippi, 704

Cell: 251-379-2624
Email: cmc704@gmail.com

****John C. Edgar, 686, CIH**

34122 White Osprey Dr. N.,
Lillian, AL 36549
Phone 832-784-3038
Cell 832-784-3038
Email: jcedgar57@yahoo.com

Mississippi

Glynn Hair, 636

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Louisiana

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Louisiana listings continued

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****Rebstock Marine Chemists, LLC**

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Louisiana listings continued on the next page.

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
GULF-INLAND SECTION (GULF COAST)

Louisiana listings continued.

Marine Chemists of Louisiana

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Texas listings continued on the next page

MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
GULF-INLAND SECTION (GULF COAST)

Texas listings continued

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MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
PACIFIC COAST SECTION

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MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
PACIFIC COAST SECTION

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****Philip Dovich, 667**

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MARINE CHEMIST DIRECTORY 2021
Geographic Listing of Marine Chemists
PACIFIC COAST SECTION

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MARINE CHEMIST DIRECTORY 2021

Appendix A **National Fire Protection Association** **Rules for the Certification and Recertification of Marine Chemists** **As amended and effective January 01, 2019**

The following Rules are established by the Board of Directors of the National Fire Protection Association (NFPA) for the certification and/or recertification of Marine Chemists. These Rules also establish the requirements for Candidates and Marine Chemist Trainees. For the purpose of these Rules, the following definitions shall apply:

Accredited: A college or university accredited by an accrediting agency, recognized by the Secretary of Education of the United States or accrediting agency of another country as acceptable to the Board.

Applicant: A person applying for certification or recertification as a Marine Chemist.

Association: The National Fire Protection Association.

Board: The Marine Chemist Qualification Board appointed by the Board of Directors of the National Fire Protection Association.

Candidate: A person applying for registration as a Marine Chemist Trainee.

Executive Secretary: NFPA staff appointed by the President of the Association who is responsible for the administration of the duties and responsibilities of the Board in accordance with these Rules and/or as assigned by the President of the Association.

Flammable Cryogenic Liquid (FCL) Vessel: For the purpose of these Rules, a vessel that carries flammable cryogenic liquids as either cargo and/or fuel.

Marine Chemist or Chemist: The holder of a valid Certificate issued by the National Fire Protection Association in accordance with the "Rules for the Certification and Recertification of Marine Chemists" establishing the holder as a person qualified to determine whether construction, alteration, repair, lay-up, or shipbreaking of vessels, which may involve hazards covered by the Standard, can be undertaken safely.

Marine Chemist's Certificate (Certificate): A document issued by a Marine Chemist, on a form authorized by the National Fire Protection Association, stating the conditions that the Marine Chemist found at the time of the inspection.

Marine Field Service Specialist: A full-time employee of the NFPA who is responsible for implementing the Association's Marine Field Service Program.

Rules: The Rules for the Certification and Recertification of Marine Chemists as approved by the Board of Directors of the National Fire Protection Association.

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Standard: The *Standard for the Control of Gas Hazards on Vessels*, NFPA 306, in its most recent edition, along with any Temporary Interim Amendments, Errata and Formal Interpretations as published by the National Fire Protection Association.

Marine Chemist Trainee or Trainee: A person who has been registered to begin training under Section VII.A of the Rules.

Qualification Certificate: The document issued to an individual by the National Fire Protection Association in accordance with these Rules, establishing that the holder is a Marine Chemist.

If a word is not otherwise defined in these Rules the definition found in Merriam Webster's Collegiate Dictionary 11th Edition shall be used.

Section I. Qualification Certificate.

A. There shall be a Qualification Certificate issued to successful Applicants as evidence that the holder has met the qualifications for certification or recertification as a Marine Chemist.

B. Applicants who have evidenced additional experience, training and knowledge in Flammable Cryogenic Liquid (FCL) Vessels, as required by Section VI of these Rules, shall be authorized to issue a Marine Chemist's Certificate to a FCL Vessel under the requirements of the Standard upon becoming certified or re-certified as a Marine Chemist. The Qualification Certificate that is issued to the Applicant by the Association shall be endorsed accordingly.

Section II. Qualifications – General.

All persons to whom these Rules apply shall:

A. Be of and maintain good character, and physically able to perform the duties of a Marine Chemist.

B. Be citizens of the United States of at least 18 years of age. Under special or unusual circumstances, and after consultation with the President of the NFPA, the Board may consider foreign nationals for Certification.

C. Furnish the Board with such evidence of their training as the Board considers necessary or advisable, as set forth in published Rules therefore.

D. Affirm in writing an intention and ability to practice actively as a Marine Chemist.

E. Use only the standard Marine Chemist Certificate form as approved and presented in the Standard when acting as a Marine Chemist applying the Standard.

F. Perform all work in accordance with the requirements of the Standard when acting as a Marine Chemist.

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G. Indicate an understanding of and intention to comply with these Rules by signing a copy of these Rules as presented at the time of Certification and Recertification, or at such times as these Rules change.

Section III. Qualifications – Pre-requisite Educational.

The Board considers the pre-requisite educational requirements listed below essential for favorable consideration of any application. The Board may consider other educational or professional achievements as equivalent to any or all of the below listed items, based on information available at the time of its deliberations.

A. Each Applicant shall have at least a Bachelor's Degree from an accredited college or university.

B. Prior to applying for initial certification as a Marine Chemist, each Applicant must have completed the following college level courses intended for science majors with a final minimum passing grade of 2.0 out of a 4.0 grading scale for each required course:

1. Two semesters or three quarters of general chemistry with labs.
2. Two semesters or three quarters of organic chemistry with labs.
3. Two semesters or three quarters of advanced chemistry with laboratory, such as, analytical chemistry, instrumental analysis, quantitative analysis.
4. One course in industrial hygiene sampling and analysis.

Section IV. Qualifications – Professional.

A. The education, training, knowledge, and experience of any Applicant shall include, but not be limited to, the following subjects:

1. Basic Marine and Shipyard Safety
2. Fire Prevention and Emergency Rescue Procedures
3. Combustion and Explosion Technology
4. Vessel Construction and Structure, including Piping
5. Above Ground and Under Ground Storage Tanks in Shipyards
6. Entry into Confined Spaces
7. Principles of Gas Freeing and Shipboard Test Procedures
8. Tank Cleaning Procedures
9. Petroleum Chemistry & Testing of Petroleum Products
10. The Fundamentals of Industrial Hygiene
11. Properties of Flammable and Combustible Materials
12. Properties of Flammable Cryogenic Liquids
13. Properties of Toxic Gases, Vapors, and Fumes
14. Properties of Hazardous Cargoes and Materials
15. Properties of Fumigants and Fumigant Testing
16. Properties of Tank Coatings and Preservatives
17. Testing for Toxic Gases, Vapors, Fumes and Residues
18. Properties of Liquefied Natural and Petroleum Gases
19. Calibration, Maintenance, and Operational Understanding of Test Instruments
20. Procedures for personally determining conditions prior to issuance of a certificate for subsequent work.
21. Certificate writing including minimum content.

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B. The Applicant shall satisfactorily complete the Marine Chemist training curriculum approved by the Board, in order to substantiate compliance with Section IV. A., above.

C. Each Applicant shall complete to the Board's satisfaction an examination on the Standard and applicable United States Coast Guard (USCG) and Occupational Safety and Health Administration (OSHA) regulations, and other technically related or appropriate standards, rules, or regulations, as amended to the date of application.

Section V. Qualifications – Practical Experience.

In addition to the educational qualifications set forth in Section III, each Applicant shall have completed the following:

A. Supervised Training.

1. Each Applicant, while a trainee, shall have completed at least twelve (12) months of supervised training.
2. This training shall be under the direct supervision of at least (3) Marine Chemist trainers. For the purposes of this requirement, a Marine Chemist company or organization may constitute one trainer. Each of these three trainers shall supervise at least forty (40) hours of the Applicant's shipboard/shipyard training required by Section V.B hereof.
3. Each trainee shall have broad experience in shipyard operations, cargoes, fuels, and vessel types as covered by the Standard. The maximum credit for training in any one type of vessel is ninety (90) hours.
4. Marine Chemists who have been certificated for less than two (2) years are not eligible to conduct training for credit under these Rules.

B. Vessel Inspection and Marine Chemist's Certificate Training.

1. Each trainee shall complete a minimum of 500 hours of supervised training during which the trainee shall participate in the testing, visual inspection and Certificate-writing activity associated with the issuance of not less than two-hundred and fifty (250) Marine Chemist Certificates.
2. Associated with the training in Section V.B.1., each trainee shall submit fifty (50) simulated Certificates that have been reviewed by a Marine Chemist Trainer with his or her application.
3. Trainees shall keep a record of the supervised training in Section V.B.1 using a form provided by the Marine Field Service.

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C. Practical Work Experience.

1. Each Applicant shall have completed at least three (3) years of full time employment in marine construction or repair as a shipyard competent person or equivalent, or in another marine industrial environment acceptable to the Board as listed in Section V.C.2.

2. The Board may consider the following towards satisfying the requirements for the requirements of paragraph Section V.C.1:

a. At least five (5) years of experience as a safety professional within a marine transportation company, US Coast Guard, or US Navy.

b. Full-time employment for at least one (1) year in the analysis of physical samples of products that are carried onboard marine vessels as cargo or fuel; or used in the construction and repair of marine vessels. The employment is to be in a laboratory or other similar work environment acceptable to the Board.

c. At least one (1) year of experience in tankship operations (e.g. tank cleaning, confined space entry, and hot work repairs). This experience is generally considered to be in the following ratings: Chief Mate, First Assistant Engineer, Chief Engineer or Master on tankships; or other similar employment acceptable to the Board.

d. At least one (1) year of experience as a ship-fitter, welder, tank cleaner or other similar employment that is acceptable to the Board.

D. The Board considers the above requirements essential for favorable consideration of any application. The Board may consider other educational, training, professional achievements, or industry experience as equivalent to any or all of the above listed items based on information available at the time of its deliberations.

E. Each Applicant shall have a working knowledge of the construction of all common types of vessels including hull and superstructure compartmentation systems, machinery spaces, cargo handling systems, and piping systems.

Section VI. Qualifications - Endorsements.

A. Flammable Cryogenic Liquid (FCL) Endorsement.

Each Marine Chemist or Applicant who submits satisfactory evidence of compliance with the following required experience, training and knowledge shall receive a Flammable Cryogenic Liquid (FCL) endorsement on the Marine Chemist's Qualification Certificate attesting to the fact of authorization to issue certificates under the requirements of the Standard.

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Such endorsement shall be valid for a period of time concurrent with the Marine Chemist's certification, not to exceed five (5) years from the date of issue.

1. Each Marine Chemist or Applicant so applying shall show evidence of:
 - a. Thorough familiarity with construction features of all types of flammable cryogenic liquid containment and handling equipment.
 - b. Knowledge of the location of gas detectors and temperature sensors aboard the vessels and familiarity with their operation.
 - c. Familiarity with interstitial space inerting and flammable cryogenic liquid tank cool-down procedures.
 - d. Familiarity with interstitial space gas freeing and flammable cryogenic liquid tank warm-up procedure.
2. Training required for obtaining the FCL endorsement shall include at least one of the following:
 - a. Conduct at least one gas testing survey aboard a vessel carrying FCL as cargo or fuel under the direct supervision of a Certificated Marine Chemist having a FCL endorsement. The survey shall have included vessel familiarity training concerning the vessel's FCL system. Evidence of completion of said familiarization training shall be submitted with the application for the special endorsement.
 - b. Complete a flammable cryogenic liquid familiarization course accepted by the Board. Evidence of completion of said training program shall be submitted with the application for the special endorsement.
3. The Marine Chemist or Applicant shall submit to an oral, written or combination examination covering structural design of vessels carrying FCL as cargo or fuel, nomenclature pertinent to such vessels and their FCL related systems, applicable requirements of the Standard, pertinent requirements of 46 CFR Part 154 (USCG regulations for vessels carrying bulk liquefied gases), and such other subjects as may be included by the Board.

B. Flammable Cryogenic Liquids Endorsement Renewal

1. Renewal of the FCL endorsement for a Marine Chemist shall only be considered by the Board for those Marine Chemists who have satisfied at least one (1) of the following during the Applicant's current period of certification:
 - a. Conduct at least one gas testing survey aboard a vessel carrying FCL as cargo or fuel. The survey shall have included vessel familiarity training concerning the vessel's FCL system.

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- b. Complete a flammable cryogenic liquid familiarization course accepted by the Board.
 - c. Satisfactorily complete the NFPA FCL training module examination.
2. Applicants for FCL Endorsement Renewal shall present to the Board the following items in addition to required items under Section VII.C Recertification:
- a. A request for renewal of the Special Endorsement for vessels carrying FCL as cargo or fuel on the official recertification application form.
 - b. Evidence demonstrating completion of any one (1) of the requirements in Section VI.B. 1 above.

Section VII. Application Procedures. Registration, Initial Certification and Recertification.

Those persons actively working towards or having the intention to seek certification as a Marine Chemist shall register with the Board as a Trainee. Registration as a Trainee is necessary prior to accruing practical experience under Section V. hereof.

A. Registration as a Marine Chemist Trainee

- 1. A Candidate shall register with the Board.
- 2. Registration shall be completed on the specified form supplied by the Marine Field Service Specialist outlining the Candidate's initial qualifications and the persons they will train under.
- 3. A non-refundable fee of two hundred fifty dollars (\$250.00) shall accompany the registration form.
- 4. Each Candidate for registration as a Marine Chemist Trainee shall affirm in writing the intention to actively pursue certification, and upon certification to practice actively as a Marine Chemist.
- 5. The Board shall consider each application for registration and shall register the Candidate unless it finds reason why the Candidate is not likely to be qualified to apply for certification within a reasonable time. Acceptance of a Candidate for registration shall not provide any right to anticipate certification as a Marine Chemist. Rejection of a Candidate for registration shall not preclude re-registration in the future under a change of conditions.

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6. Each Trainee shall annually provide the Board with an update of the status of his or her training on a form provided by the Marine Field Service Specialist.

7. A Trainee who fails to provide such annual report for two consecutive years, or who upon filing such reports fails, in the determination of the Board, to demonstrate adequate activity towards certification for two years, may after due notice and opportunity to be heard in writing, be removed as a Trainee by the Board. Such removal shall be without prejudice to a new application filed pursuant to these Rules.

8. Each Trainee shall complete all requirements for initial certification, except for the personal interview required by Section VII.B.2, within six years of the Board's acceptance of the application for registration. Failure to meet the six year requirement shall cause the registration to be terminated. After termination for this reason, the Trainee may be reinstated at the discretion of the Board. At the time of reinstatement, the Board shall determine the previous training it will accept, if any, and specify the Trainee's remaining requirements for certification.

B. Initial Certification

1. Each Applicant for initial certification shall apply to the Board by way of the Marine Field Service Specialist by submission of the following:

a. Official application form, legible and properly completed, accompanied by the required non-refundable processing fee of two hundred fifty dollars (\$250.00) for initial certification

b. Not less than three letters of reference concerning the character and ability of the Applicant.

c. Objective evidence of having satisfactorily completed the practical training required under Section V. of these Rules. Applicants wishing to obtain the FCL endorsement at the time of initial certification shall show objective evidence of completing the requirements in Section VI of these Rules.

d. The names of all Marine Chemists involved in the Applicant's training.

e. A list of all vessels tested during the training period, including the date, name, time aboard, cargo, type and purpose of each test, work to be performed, serial number of Marine Chemist's Certificate(s) issued and the name and number of the supervising Marine Chemist.

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f. A personal thesis outlining the Applicant's knowledge of those items as assigned by the Board.

g. A licensed physician or licensed physician's assistant statement on a form provided by the Board attesting to the Applicant's physical and mental ability to perform the duties of a Marine Chemist.

h. Such additional evidence of the foregoing as may be required by the Board.

i. An agreement by the Applicant in writing on a form provided by the Board:

1. to submit a monthly report of his or her Marine Chemists' activities to the NFPA Marine Field Service;
2. to submit the Marine Chemist's Certificate surcharge fees to the Marine Gas Hazards Control Program in accordance with their requirements; and
3. to comply with the Rules in effect as amended.

2. An Applicant shall have a personal interview with the Board. The application of any Applicant who fails after reasonable notice to appear at a scheduled interview shall be deemed withdrawn from the Marine Chemist Training Program and subject to renewed processing at the convenience of the Board.

C. Recertification

The following procedures shall be followed for recertification:

1. Recertification shall only be considered by the Board for Marine Chemists who have actively engaged in Marine Chemist professional activities during their current five year certification period. Minimum requirements for recertification shall be the issuance of ten (10) certificates each year during the most recent certification period.
2. Applicants for recertification shall submit to the Board the following:
 - a. An official application form, legibly and properly completed accompanied by an application fee of two-hundred fifty dollars (\$250.00).
 - b. A resume of the Marine Chemist's activities during the current certification period and any other information on his or her professional activities during that period considered necessary by the Board.
 - c. A licensed physician or licensed physician's assistant statement on a form provided by the Board, attesting to the Applicant's physical and mental ability to perform the duties of a Marine Chemist.

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- d.** Copies of ten (10) sequential, recently issued certificates with a brief summary or explanation of the circumstance requiring the certificate on a form provided by the Board.
 - e.** A list of the instruments and calibration equipment currently being used by the Applicant.
 - f.** Evidence of completion to the Board's satisfaction of an examination on the Standard and applicable United States Coast Guard (USCG) and Occupational Safety and Health Administration (OSHA) regulations, and other technically related subjects or appropriate standards, rules, or regulations as amended to the date of application.
 - g.** Evidence of attendance at a minimum of three technical seminars sponsored by the Marine Chemist Association for the Marine Chemist's professional enhancement during the current certification period.

 - i. One (1) shall be an Annual Seminar
 - ii. One (1) shall be a Sectional Seminar; and
 - iii. The remaining Annual or Sectional Seminar shall be at the discretion of the Marine Chemist.
 - iv. Multiple sectional seminar attendance in the same calendar year shall not be counted as meeting the seminar attendance requirement.
 - h.** Reports of any accidents involving the Applicant's Marine Chemist activities during the current certification period.
 - i.** Such additional evidence concerning a Marine Chemist's ability to apply the procedures and judgment required of Marine Chemists that the Board may deem necessary including, at the Board's discretion, an interview with the Applicant.
 - j.** Evidence that surcharge fee payments to the Marine Gas Hazards Control Program are current.
- 3.** Notwithstanding the provisions of Section VII.C.1 above, in instances where an Applicant has been inactive as a Marine Chemist, or has failed to complete the aforementioned examination in a manner satisfactory to the Board, the Board may require a personal interview and oral examination, a period of retraining, reexamination, or any combination thereof. Absent extenuating circumstances as determined by the Board the provisions of this section shall not be available to any applicant for two consecutive periods of recertification.

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Section VIII. Reports.

A. Marine Chemists shall submit monthly reports to the Marine Field Service Specialist that shall include:

1. A report of all Certificates issued during the previous month on the current prescribed report form as supplied by the Marine Field Service Specialist of the Association.
2. A copy of one (1) Certificate issued during the month. However, Marine Chemists may be required to submit a copy of each certificate issued during a specific time if required by the Board.

B. Marine Chemists shall submit the Marine Chemist's Certificate surcharge fees to the Marine Gas Hazards Control Program in accordance with their requirements.

C. Marine Chemists and Trainees shall promptly notify the Marine Field Service Specialist of any change of address and other contact information (business or residence), and of any change of employment.

D. Marine Chemists are requested to report information promptly to the Marine Field Service Specialist, and provide reasonable documentation and reports as requested, regarding any fire or explosion on a vessel, the details of which are available to them because of their personal knowledge of the incident.

E. Marine Chemists shall notify the Marine Field Service Specialist within 24 hours of any accident occurring in connection with their professional Marine Chemist activities, or where to their knowledge the lack of a Marine Chemist was a factor and shall supply such reasonable documentation and reports as requested by the Marine Field Service Specialist.

Section IX. Revocation and Renewal of the Qualification Certificate

A. The Qualification Certificate issued to a Marine Chemist shall be valid for a period of five (5) years or such reduced or extended time or times as is considered appropriate by the Board, unless the Qualification Certificate is sooner canceled due to receipt by the Board of evidence of the Marine Chemist's inability to consistently and safely apply the procedures and judgments required of Marine Chemists.

B. The Board reserves the right to suspend, revoke, or cancel the Qualification Certificate issued to a Marine Chemist at any time. The Board shall notify the Marine Chemist of such action by mailing the notice to the last known address of the Marine Chemist. The following are among the causes for which a Qualification Certificate may be suspended revoked or canceled.

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1. Failure to comply with any of the foregoing requirements for reporting and notification.
2. Practicing as a Marine Chemist while the Chemist's ability to practice is impaired by alcohol, drugs, physical disability, fatigue or mental instability or if the Chemist is habitually intoxicated by or engaging in the unlawful use of alcohol, narcotics, barbiturates, amphetamines, hallucinogens, or other controlled substances having similar effects.
3. If, after examination of the facts of any complaint filed with or coming to the attention of the Board, it is the opinion of the Board that the Marine Chemist is no longer qualified to be certificated.
4. Falsification or omission of information on the application for certification or recertification; application for any endorsements to the Qualification Certificate.
5. Failure to adhere to the Standard.

C. Upon receipt of information or a written complaint regarding an alleged misconduct or violation of the Rules for Certification and Recertification on the part of a Marine Chemist, the Executive Secretary of the Board shall forward such information to the Board. After consideration of said information or written complaint and upon a review of any and all relevant information, the Board may take appropriate action under these Rules.

D. Where a suspension, revocation, or cancellation may be contemplated by the Board, the Marine Chemist involved shall receive notice and an opportunity for a hearing before the Marine Chemist Qualification Board prior to suspension, revocation or cancellation. However, in circumstances in which information has come to the attention of the Board which gives evidence of the Marine Chemist's inability to apply the procedures and judgments required of Marine Chemists or where information has come to the attention of the Board which indicates that there may be a cause for suspension, revocation, or cancellation of a Marine Chemist's Qualification Certificate, the Board may suspend the Marine Chemist's Qualification Certificate immediately and prior to a hearing, if the public interest and public health and safety require such action and the Board makes such a determination. In such case the Marine Chemist who has been suspended shall be promptly notified of such action by a notice being mailed to the last known address of the Marine Chemist. Thereafter, the Marine Chemist shall be afforded a hearing within ten (10) days of said suspension. Should the Marine Chemist request an adjournment of the hearing date, it may be granted at the discretion of the Board.

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F. Prior to the scheduled hearing, the Marine Chemist shall be given notice of the charges. The Marine Chemist shall be afforded an opportunity to be heard by the Board and an opportunity to appear before the Board and present a defense.

G. Appeal from action taken by the Marine Chemist Qualification Board may be brought directly to the National Fire Protection Association Board of Directors.

Section X. Applicability

A. The effective date of these Rules as amended shall be January 01, 2019.

Appendix B
National Fire Protection Association
Regulations for the Organization & Function of the Marine
Chemist Qualification Board
As amended and effective January 01, 2012

For the purpose of certifying Marine Chemists, the Board of Directors of the National Fire Protection Association shall appoint a Marine Chemist Qualification Board (hereinafter called the Board). This Board shall be organized and shall function in accordance with the regulations that follow.

Certificates are issued upon information believed to be reliable, but no other representation and no warranty or guarantee, express or implied, is made in connection therewith. In addition, neither the Association nor any of its officers, directors, committees, committee members, or employees assume any responsibility for any misrepresentation, error of judgment, default or negligence of the holder of a Certificate.

I. Organization of the Board.

1. The Marine Chemist Qualification Board shall consist of five Members, appointed by the Board of Directors of the National Fire Protection Association. The membership of the Board shall have a representative of the following:
 - a. Tank vessel operators;
 - b. Shipbuilding or vessel repair industry;
 - c. Marine Chemist Association, Inc;
 - d. Marine insurance industry; and
 - e. Practicing Marine Chemists.

2. Membership on the Board shall be available to the following agencies of the federal government:
 - a. U.S. Coast Guard (USCG),
 - b. U.S. Navy (USN), and the
 - c. Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor.

Such membership of agencies of the federal government shall be on a voting or non voting status as the named agency shall determine. The individual representing each named government agency shall be nominated by that agency and subject to the approval of the Board of Directors of the National Fire Protection Association.

3. Members of the Board shall be appointed to serve terms of up to three-years except for the member from the USCG, OSHA, and USN who shall serve at the discretion of the parent agency or unless terminated by the Board of Directors of the National Fire Protection Association.

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4. Members serving three-year terms may serve no more than two consecutive full three-year terms.
5. Each member, whether voting or nonvoting, may have an alternate appointed by the Board of Directors.
 - a. The alternate to either the member representing the Marine Chemist Association or the member representing the practicing marine chemists, may serve in the place of the member representing either group for a full meeting if the principal member from either group is not available for that meeting.
 - b. An alternate member shall have the same participation rights as a member when the member is absent. When the member and the alternate are both present, the alternate shall vote only if the member is unable to vote due to a conflict of interest or other reason.
6. A Chairman shall be appointed by the NFPA Board of Directors from among the members of the Board.

II. Duties and Responsibilities of the Board

1. The Board shall advise the Board of Directors of the National Fire Protection Association on the establishment of or amendment to the Rules for the Certification and Recertification of Marine Chemists, (hereinafter called the Rules) which shall be adopted by the Board of Directors.
2. Based upon the Rules as amended and in effect, the Board shall act on applications for:
 - a. Registration of a Marine Chemist Trainee,
 - b. Certification as a Marine Chemist, and
 - c. Renewal of Certification (recertification) of a Marine Chemist.
3. The Board may issue a Certificate or deny certification to an applicant in accordance with the Rules as amended and in effect.
4. The Board may suspend or cancel a Certificate in accordance with the Rules as amended and in effect.
5. Action on applications for registration, initial certification and renewal of certification, shall be by written ballot of the Board.
 - a. If a member of the Board votes against registration of a candidate or initial certification or renewal of certification of an applicant or fails to return a ballot within 30 days, the application of that candidate or applicant shall be held for review and discussion at the next meeting of the Board.

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- b. The vote of an alternate shall be counted only when the member does not exercise his/her voting privilege due to a conflict of interest or other reason.
 - c. The Board shall recommend to the Board of Directors of the National Fire Protection Association a suitable processing fee for processing applications for registration as a trainee, initial certification and renewal of certification.
6. "*Robert's Rules of Order Revised*," shall govern at meetings of the Board, except as may otherwise be provided in these Regulations.
7. The Board shall keep a record of its proceedings and a register of all applications for certification including the application, the responses of the references, supplementary material submitted with the application, including letter ballots, and such other information as may be deemed necessary by the Board.
8. The Board shall submit annually to the Board of Directors of the National Fire Protection Association a report of its transactions of the preceding year.

III. Secretary of the Board.

- 1. The President of the Association shall appoint a Secretary to the Board who shall be a member of the Association staff.
- 2. The Secretary of the Board shall:
 - a. Receive applications for registration, initial certification and renewal of certification (recertification) and the applicable processing fee,
 - b. Solicit the recommendations of references,
 - c. Request action on each application from the Board, and President of the Association,
 - d. Perform such other duties as may be requested by the Board or assigned by the President of the Association.
- 3. The Secretary shall record the Certificate number awarded to each Certificated Marine Chemist and the expiration date.
- 4. Annually a roster of Certificated Marine Chemists shall be published by the Secretary. The roster shall be mailed to each Certificated Marine Chemist and furnished to others on request.

IV. Appeals to the Board.

- 1. Any person who shall feel aggrieved by any action of the Board in denying or suspending that person's certificate or any other action taken by the Board may appeal therefrom to the Board of Directors of the National Fire Protection Association.

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2. The Procedures for Appeals to the Board of Directors from Decisions of the Marine Chemist Qualification Board shall apply to any appeal.

V. Termination of Appointments.

The term of office of members and alternates of the Board may be terminated at the discretion of the Board of Directors of the National Fire Protection Association.

Appendix C

MARINE CHEMIST ASSOCIATION, INC.

The Marine Chemist Association, Inc. is an independent professional organization composed of chemists certificated by NFPA in accordance with the preceding Rules.

It had its origin in May, 1938, as the Marine Chemists' Subsection of the NFPA Marine Section. Upon termination of the Marine Section in 1948, the present Association was organized for the following purposes:

- a. To promote the science of, and improve the methods of, evaluating and eliminating health, fire, and explosion hazards in marine and associated industries.
- b. To obtain and circulate information relative to these hazards and other information regarding the professional and ethical activities of its members.
- c. To enhance the general welfare of its members by promoting a closer relationship with all concerned industry and regulatory bodies.

Its growing membership is arranged in geographical sections: Atlantic, Pacific, and Gulf-Inland. This structure has enhanced the exchange of views and the development of professional policies.

Representatives of the Association take an active and constructive part in the work of the NFPA Technical Committee on Gas Hazards, Marine Chemist Qualification Board, and Marine Field Service Advisory Committee. Through its educational seminars, informational bulletins, and Association newsletters, professional advancement is realized.

The esteem in which the Marine Chemist Association, Inc. is held is based on its record of dedicated service and continuous adherence to the highest standards of integrity and fair dealing.

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MARINE CHEMIST ASSOCIATION EXECUTIVE COMMITTEE OFFICERS
(as of May 20, 2021)

Chairman:	Michael A. Schmidt, CMC 642
Chairman-Elect:	Philip J. Giles, CMC 670
Past Chair:	Brian A. Axelrad, CMC 691
Secretary-Treasurer:	Donald V. Raffo, CMC 668
Atlantic Delegates:	Peter J. Raffo, CMC 735 Austin Montanti, CMC 727
Gulf-Inland Delegates:	Thomas T. Govey, CMC 677 Toby Turcotte, CMC 705
Pacific Delegates:	Vincent W. Pempeit, CMC 719 Bryan Berna, CMC 739

