Chapter 1 Administration

1.1 Scope.
1.2 Purpose.
1.3 Emergency Exception.
1.4 Governmental Regulations.

Chapter 2 Referenced Publications

2.1 General.
2.2 NFPA Publications.
2.3 Other Publications.
2.4 References for Extracts in Mandatory Sections.

Chapter 3 Definitions

3.1 General.
3.2 NFPA Official Definitions.
3.3 General Definitions.

Chapter 4 Vessels Required to Have Marine Chemist’s Certificate

4.1 Tank Vessels.
4.2 Vessels Other Than Tank Vessels.
4.3 Military Unique Vessels (i.e., U.S. Navy, Coast Guard, Army).
4.4 Vessels in Lay-Up.
4.5 Vessels Carrying Flammable Compressed Gas.
4.6 Obtaining the Marine Chemist’s Certificate.

Chapter 5 Preparing Vessels by the Vessel Owner, Operator, or Repairer, for Issuance of a Marine Chemist’s Certificate Involving Hot Work

5.1 Where a Safe Condition Is to Be Obtained Entirely by Cleaning.
5.2 Where a Safe Condition Is to Be Obtained by Both Cleaning and Inerting or Entirely by Inerting.
5.3 Where a Safe Condition Is to Be Obtained by Cleaning Certain Compartments and by Securing the Other Compartments.
5.4 Where a Safe Condition Is to Be Obtained by Cleaning Some Compartments, by Inerting Some Compartments, and by Securing Some Compartments.
5.5 Cargo Heater Coils.
5.6 Electric Welding Operations.
5.7 Requirements for Use of a Designated Berthing Area for Cleaning, Gas Freeing, or Inerting.
5.8 Vessel Fuel Oil Tanks.

Chapter 6 Procedures for the Marine Chemist Prior to Issuance of a Certificate

6.1 Calibration and Function Verification.
6.2 Determination of Conditions.

Chapter 7 Standard Safety Designations and Conditions Required

7.1 General.
Chapter 8 The Marine Chemist's Certificate

8.1 Preparation of Certificates.
8.2 Issuance of Certificates.
8.3 Responsibility for Obtaining the Marine Chemist’s Certificate.
8.4 Maintaining the Responsibility for Maintaining the Conditions.

Chapter 9 Additional Requirements for Vessels Having Flammable Cryogenic Liquid Fuel or Cargo

9.1 Scope.
9.2 Definitions.
9.3 Minimum Requirements.
9.4 Minimum Conditions.

Annex A Explanatory Material
Annex B Examples of Safe Conditions
Annex C Samples of Marine Chemist’s Certificates
Annex D Guidance to Vessel Owners and Operators When Hot Work and/or Enclosed/Confined Space Entry Is Conducted on a Vessel at Sea and a Marine Chemist Is Not Required
Annex E Limiting Oxidant Concentrations
Annex F Informational References