Chapter 1 Administration

1.1 Scope.
1.2 Purpose.
1.3 Application.
1.4 Units.

Chapter 2 Referenced Publications

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

Chapter 3 Definitions

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

Chapter 4 Certification

4.1 General.
4.2 Certification Program.
4.3 Inspection and Testing.
4.4 Annual Verification of Product Compliance.
4.5 Manufacturers’ Quality Assurance Program.
4.6 Hazards Involving Compliant Product.
4.7 Manufacturers’ Investigation of Complaints and Returns.

Chapter 5 Product Labeling and Information

5.1 Product Label Requirements.
5.2 User Information.

Chapter 6 Design Requirements

6.1 General Design Requirements.
6.2 Power Button.
6.3 Failure Mode and Effects Analysis (FMEA) for Thermal Imagers.
6.4 TI BASIC Operational Format.
6.5 TI BASIC PLUS Operational Format.
6.6 Thermal Imager Viewing Area.

Chapter 7 Performance Requirements

7.1 Thermal Imager Performance Requirements.

Chapter 8 Test Methods

8.1 Image Recognition Test.
8.2 Vibration Test.
8.3 Impact Acceleration Resistance Test.
8.4 Corrosion Test.
8.5 Viewing Surface Abrasion Test.
8.6 Heat Resistance Test.
8.7 Heat and Flame Test.
8.8 Product Label Durability Test.
8.9 Cable Pullout Test.
8.10 Effective Temperature Range Test.
8.11 Field of View (FOV) Measurement.
8.12 Thermal Sensitivity Test.
8.13 Durability Test.

Annex A Explanatory Material
Annex B Informational References