



The Commonwealth of Massachusetts
Executive Office of Public Safety and Security
Department of Fire Services

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EXPLOSIVES
CERTIFICATE OF COMPETENCY
LIMITED TO RESEARCH AND DEVELOPMENT

The newly revised Massachusetts Comprehensive Fire Safety Code, (527 CMR 1.00), was effective as of December 9, 2022. The revised code adopts, in large part, the National Fire Prevention Association's (NFPA) Model Fire Code (NFPA 1 - 2021 Edition) with Massachusetts amendments.

The following study materials should be used to prepare for the Explosives Certificate of Competency (Research and Development) Examination:

- 527 CMR 1.00 (Massachusetts Comprehensive Fire Safety Code)
Section 1.12.8.39.1 through 1.12.8.39.1.1.5.1
Section 1.13.4 through 1.13.4.2.5
Section 1.13.11 through 1.13.11.2.3.3
Section 65.9.1 through 65.10
- Massachusetts General Law, Chapter 148

The official copy of 527 CMR 1.00 is available from the State House Book Store, State House, Room 116, Boston, MA 02133 / (617) 727-2834. An unofficial copy of 527 CMR 1.00 (for convenience purposes only) is also available at the DFS website: www.mass.gov/dfs.

- NFPA 495 - *Explosives Code* - 2018 Edition

Available from the National Fire Protection Association (NFPA). One Batterymarch Park, Quincy, MA 02269 / (800) 344-3555

- ISEE Blaster's Handbook, 18th Edition

Available from the International Society of Explosives Engineers, Blasting Library, 29100 Aurora Road, Cleveland, OH 44139 / (440) 349-4400

The primary areas for study for this examination are:

- Massachusetts Explosives Regulations and General Laws
- Explosives Characteristics
- Explosives Products

Applicants are allowed to bring a calculator and a copy of the Orica Blasters' Handy Tables, the Dyno Nobel Explosives Engineers' Guide, or similar manufacturers' product guide into the exam.